

Curriculum Vitae



Personal Data	
Name	Alireza Shakeri
Date of birth	23 March 1990
Gender	Male
Nationality	Iranian
Country of Residence	Iran
Work Address	Imam Hossein General Hospital (Tertiary university-based, referral Hospital), Madani Street, Tehran, Iran
Phone	+98 21 73433000 (Work)
Email	dr.alirezashakeri@gmail.com ; dr.alirezashakeri@sbmu.ac.ir
Present Position	
Latest Qualification title	Associate Professor (Full-time)
Address	Shahid Beheshti University of Medical Sciences, Arabi Ave, Velenjak, Tehran, Iran.
Date	February 2021 - Current
Specialist Qualification	
Qualification title	Iranian National Board certificate in the specialty field of anesthesiology (First top 5% rank)
Date	2016-2020
Country	Iran
University	Shahid Beheshti University of Medical Sciences
Primary Medical Qualification	
Qualification title	General Medicine Doctorate
Date	2008-2015
Country	Iran
University	Tehran University of Medical Sciences, School of Medicine
In the period mentioned above, the internship is included, which was dated from April 2014 to September 2015	
Pre-University	
Qualification title	Pre-University Course Completion
Date	2007-2008

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Country, City	Iran, Tehran
Institute	Allameh Helli (National Organization for Development of Exceptional Talents (NODET)) Admittance is only possible by NODET's entrance exam
High School Diploma	
Qualification title	Diploma of Natural Sciences
Date	2004 - 2007
Country, City	Iran, Tehran
Institute	Allameh Helli (National Organization for Development of Exceptional Talents (NODET)) Admittance is only possible by NODET's entrance exam
Additional Qualifications	
Qualification title	First rank at the International Chemistry Olympiad, Based on this I was accepted as a medical student at the Tehran University of Medical Sciences
Date	October 2006
Country	Iran
Certificates & Courses	
Date	Course/Certificate
15 th -16 th Feb - 2017	Participant in US Guided Blocks in Regional Anesthesia & Pain Management/ Imam Khomeini Hospital, Tehran
September 2020	Awarded the first top 5% rank at the national Iranian anesthesiology board examination. Based on this, I was accepted as an associate professor at Shahid Beheshti University of Medical Sciences.
4 th -5 th Mar – 2021	Participant in COVID-19 management & Treatment/ Tehran University of Medical Sciences
5 th Jul - 2021	Participant in EndNote Referencing Workshop/ Shiraz University of Medical Sciences
21 st Dec - 2021	Participant in Biostatistics and Research Methods Workshop/ Research Center for Medical Education, Shahid Beheshti University of Medical Sciences
23 rd Jan - 2022	Lecture at the Continuing Medical Education (CME) program of Shahid Beheshti University of Medical Sciences, on the topic of Cardiopulmonary Resuscitation in the Pregnant Patient.
27 th Oct - 2022	Lecture at the Continuing Medical Education (CME) program of the Iranian Society of Anesthesiology and Critical Care, on the topic of Application of Ultrasound in Nerve Blocks.
24 th -26 th May - 2023	Speaker at the 15 th International Congress of Anesthesiology, Critical Care and Pain Management/ Shahid Beheshti University International Conference Center, Tehran

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30 th Jun - 2023	Participant in Systematic Review Workshop/ Research Center for Medical Education, Shahid Beheshti University of Medical Sciences
23 rd Jul - 2023	Participant in University Scientometrics System; Mendeley & EndNote/ Center for Studies and Development of Medical Education
20 th Sep - 2023	Participant in Introductory Teaching Methods/ Center for Studies and Development of Medical Education
26 th Sep - 2023	Participant in Artificial Intelligence in Medical Sciences (Specialized Course)/ Center for Studies and Development of Medical Education
16 th Oct - 2023	Participant in Patient Safety Education, Effective Communication, and Empathy with Patients and Families/ Center for Studies and Development of Medical Education
10 th -12 th Nov -2023	Participant in 8th NYSORA International Symposium: Advances in Regional Anesthesia, Pain and Perioperative Medicine/ The New York School of Regional Anesthesia, Dubai
27 th Nov - 2023	Participant in Introductory Teaching Methods and Lesson Planning/ Center for Studies and Development of Medical Education
18 th Dec - 2023	Participant in Designing and Psychometric Evaluation of Spiritual Health Assessment Tools/ Center for Studies and Development of Medical Education, Ethics Group, and Spiritual Health & Professional Commitment Working Group
4 th -5 th Jan - 2024	Speaker at the 5 th International Congress of Interventional Pain Management/ Tehran
17 th Jan - 2024	Participant in Infographic Workshop/ Shiraz University of Medical Sciences
27 th Jan - 2024	Attendance at 1st World Day of Regional Anaesthesia & Pain Medicine/ The European Society of Regional Anesthesia & Pain Therapy, Tehran
2 nd May - 2024	Participation and Abstract Publication in the 9th Iranian Congress on Sleep Disorders.
3 rd May - 2024	Participant in Qualitative Content Analysis Workshop / Aja University of Medical Sciences
8 th Jun - 2024	ChatGPT for Research Workshop/ School of Medicine, Education and Learning Technologies
4 th -5 th Jul - 2024	Invited Lecture at the 7th Seminar and Hands-on Workshop on the Application of Ultrasound in Pain Management, Regional and General Anesthesia, Tehran University of Medical Sciences
10 th Jul - 2024	Participant in Simulation-Based Medical Education and Extended Reality/ Center for Studies and Development of Medical Education
6 th -8 th Nov - 2024	Member, Scientific Committee and Executive Committee, 16 th International Congress of Anesthesiology, Critical Care, and

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	Pain; Organizer and Instructor of Hands-on Ultrasound Workshop on Upper and Lower Limb, Trunk, and Spine Blocks
Employment	
Dates	From April 2014 until September 2015
Institution/Hospital	Tehran University of Medical Sciences
Position title	Intern
Duties (including types of cases)	Surgery, Pediatric, Infectious, Psychiatric, ENT, Internal medicine, Dermatology, Public health and gynecology internship, Emergency Medicine, Dissertation accomplishment
Dates	From September 2016 until 2020
Institution/Hospital	Shahid Beheshti University of Medical Sciences, anesthesiology group; at - Imam Hossein Hospital, about 12 months (general Hospital with general and vascular surgery, gynecology and obstetrics, neurosurgery, Orthopedics, maxillofacial, ophthalmology and intensive care unit), - Shohada Hospital, about 6 months (general Hospital with urology, general and vascular surgeries, gynecology and obstetrics, neurosurgery, and intensive care unit), - Loghman Hospital, about 6 months (general Hospital with general and bariatric surgery, orthopedics, obstetrics, neurosurgery and ENT) - Taleghani Hospital, about 6 months (general Hospital with general and vascular surgery, obstetrics and gynecology, maxillofacial, orthopedics, ENT) - Akhtar Hospital, about 2 months (orthopedics, chronic pain), - Labbafinejad Hospital, about 3 months (ophthalmology, urology, and chronic pain), - Masih Daneshvary Hospital, about 3 months (thoracic surgery, ENT, and intensive care unit), - Modarres Hospital, about 3 months (cardiac surgery) - Mofid Hospital, about 3 months (pediatric surgery and pediatric intensive care unit) - Dissertation, and deserted area anesthesia practice (about 4 months)
Position title	Anesthesiology Registrar
Duties (including types of cases)	- Preoperative visit (about 20 patients per day, twice a week) - Planning and delivering safe anesthesia (4 to 6 patients per day) - Implementation of protocols for postoperative pain management - Participating in educational classes and conferences - Conducting research and completing a dissertation
Dates	From October 2020 until February 2021

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Institution/Hospital	Sabzevar University of Medical Sciences/ Vasei Hospital
Position title	Anesthesiologist
Duties (including types of cases)	- Preoperative visit (about 10 patients per day, twice a week) - Planning and anesthetizing patients (4 to 5 patients per day) - Visiting and management of ICU-admitted patients, including COVID-19 patients
Dates	From February 2021 until the current
Institution/Hospital	Shahid Beheshti University of Medical Sciences, Anesthesiology Group, Imam Hossein General Hospital, Educational Hospital
Position title	Assistant Professor (2021 - 2026) Associate Professor (2026 – Current)
Duties (including types of cases)	Clinical Responsibilities • Conduct pre-anesthesia assessment and perioperative planning for approximately 20 patients weekly. • Provide safe, high-quality anesthesia care for elective and emergency surgical procedures in trauma, general surgery, vascular surgery, cardiac surgery (on-pump and off-pump), ophthalmology (including pediatric/infant cases), obstetrics and gynecology, neurosurgery, orthopedics, maxillofacial surgery, and otorhinolaryngology (ENT). • Perform and supervise regional anesthesia techniques, with particular emphasis on neuraxial and peripheral nerve blocks, including spinal anesthesia, epidural anesthesia, brachial plexus blocks (interscalene, supraclavicular, infraclavicular, and axillary), distal upper-limb nerve blocks (radial, median, and ulnar), femoral block, popliteal sciatic block, and ankle block. • Provide postoperative acute pain management using pharmacologic and regional analgesic techniques, including epidural, spinal, caudal, cervical plexus, pectoral nerve, serratus plane, parasternal intercostal, intercostal, paravertebral, erector spinae plane, rectus sheath, transversus abdominis plane (TAP), ilioinguinal/ iliohypogastric, quadratus lumborum, PENG, fascia iliaca, IPACK, adductor canal, and genicular nerve blocks. • Manage pain in special patient populations, including patients with opioid dependence, with tailored analgesic planning and patient education. • Provide labor analgesia for parturients. Educational Responsibilities • Conduct daily educational conferences and monthly journal club sessions for anesthesia residents, with emphasis on critical appraisal of recent literature and evidence-based practice.

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			• Teach core and advanced anesthesiology topics to anesthetist assistants, medical interns, anesthesia residents, and regional anesthesia fellows. • Develop and record educational multimedia content for undergraduate and postgraduate anesthesia training. • Prepare and design written and structured examinations, including MCQ, KFP, and PMP formats. • Participate in and contribute to continuing medical education (CME) programs as faculty, organizer, and speaker. • Implement and support the residents' mentorship program. • Contribute to the design and development of Entrustable Professional Activities (EPAs) for residency education. • Contribute to the preparation and development of the anesthesia clerkship textbook. Research Responsibilities • Serve as Vice Chair for Research / Research Deputy in the Department of Anesthesiology. • Supervise, guide, and support residents in the design and completion of their dissertation projects. • Facilitate departmental academic and research activities and promote research productivity among trainees. Administrative and Leadership Responsibilities • Academic Supervisor for Undergraduate Students in Anesthesia Rotation • Chair, Technology Working Group, Department of Anesthesiology and Critical Care. • Coordinate selected educational, clinical, and quality-improvement activities within the department. Committee Memberships • Member, Medical Ethics and Professional Conduct Committee, Hospital. • Member, Neonatal Resuscitation Committee, Hospital. • Chair, Cardiopulmonary Resuscitation Committee, Hospital.
Research and Publications			
	Journal (Indexed in), (Publication date)	Title, link	
1	Archives of Iranian medicine (ISI, Scopus, PubMed, Embase), (August 2016)	Important factors influencing severity of common variable immunodeficiency https://journalaim.com/PDF/76_August_2016_005.pdf	

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2	BMC Anesthesiology (ISI, Scopus, PubMed, Embase, DOAJ), (07 September 2020)	Maternal sciatic nerve administered bupivacaine induces hippocampal cell apoptosis in offspring https://doi.org/10.1186/s12871-020-01143-2
3	International Journal of Cancer Management (ESCI (ISI), Scopus), (31 May 2022)	Can Infusion of Lidocaine During Breast Cancer Surgery Promote Higher In-vitro Apoptosis in Comparison with Fentanyl? https://doi.org/10.5812/ijcm-121884
4	Obesity Medicine (Scopus, Embase), (06 August 2022)	Clomiphene citrate (CC) plus L-Carnitine improves clinical pregnancy rate along with glycemic status and lipid profile in clomiphene-resistant polycystic ovary syndrome patients: A triple-blind randomized controlled clinical trial https://doi.org/10.1016/j.obmed.2022.100400
5	Journal of Cellular and Molecular Anesthesia (Scopus, Embase, DOAJ), (23 May 2023)	Anesthetic Management in Tibial Fracture of a Known Case of Wolfram Syndrome https://doi.org/10.22037/jcma.v7i4.37824
6	Novelty in Biomedicine (DOAJ), (24 June 2023)	Inadvertent Transfusion of Two Incompatible Blood Units: A Case Report https://doi.org/10.22037/nbm.v11i3.39844
7	The Archives of Bone and Joint Surgery (ESCI (ISI), Scopus, PubMed, Embase), (August 2023)	Prophylactic fibrinogen reduces excessive bleeding in total hip arthroplasty surgery: a randomized double-blinded placebo-controlled trial https://doi.org/10.22038/abjs.2023.69727.3274
8	BMC Anesthesiology (ISI, Scopus, PubMed, Embase, DOAJ), (13 December 2023)	Assessing the impact of aprepitant and ondansetron on postoperative nausea and vomiting in orthognathic surgeries: a randomized controlled trial https://doi.org/10.1186/s12871-023-02371-y
9	European Spine Journal (ISI, Scopus, PubMed, Embase), (03 January 2024)	The efficacy of ultrasound-guided erector spinae plane block (ESPB) versus freehand ESPB in postoperative pain management after lumbar spinal fusion surgery: a randomized, non-inferiority trial https://doi.org/10.1007/s00586-023-08101-9
10	Pain Research and Management (ISI, Scopus,	Quadratus Lumborum Block versus Fascia Iliaca Compartment Block for Acetabular Fracture Surgery by

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	PubMed, Embase, DOAJ), (05 January 2024)	Stoppa Method: A Double-Blind, Randomized, Noninferiority Trial https://doi.org/10.1155/2024/3720344
11	Anesthesiology and Pain Medicine (Scopus, PubMed, Embase), (11 January 2024)	Facing PHACES Syndrome; Anesthesiologist's Point of View https://doi.org/10.5812/aapm-141896
12	Anesthesiology and Pain Medicine (Scopus, PubMed, Embase), (20 January 2024)	Efficacy Comparison Between Interscalene Block with and Without Superficial Cervical Plexus Block for Anesthesia in Clavicle Surgery https://doi.org/10.5812/aapm-142051
13	BMC Anesthesiology (ISI, Scopus, PubMed, Embase, DOAJ), (08 February 2024)	Erector spinae plane block as an anesthesia technique for an emergent thoracotomy; a case report https://doi.org/10.1186/s12871-024-02431-x
14	The Lancet (ISI, Scopus, PubMed, Embase), (08 March 2024)	Global age-sex-specific mortality, life expectancy, and population estimates in 204 countries and territories and 811 subnational locations, 1950-2021, and the impact of the COVID-19 pandemic: a comprehensive demographic analysis for the Global Burden of Disease Study 2021 https://doi.org/10.1016/s0140-6736(24)00476-8
15	The Lancet (ISI, Scopus, PubMed, Embase), (03 April 2024)	Global burden of 288 causes of death and life expectancy decomposition in 204 countries and territories and 811 subnational locations, 1990-2021: a systematic analysis for the Global Burden of Disease Study 2021 https://doi.org/10.1016/S0140-6736(24)00367-2
16	Minerva Anestesiologica (ISI, EMBASE, PubMed, Scopus), (24 April 2024)	Comment on: "Comparison of shoulder anterior capsular block and interscalene brachial plexus block for shoulder arthroscopy: a preliminary analysis" https://doi.org/10.23736/s0375-9393.24.18124-2
17	The Lancet (ISI, Scopus, PubMed, Embase), (18 May 2024)	Global incidence, prevalence, years lived with disability (YLDs), disability-adjusted life-years (DALYs), and healthy life expectancy (HALE) for 371 diseases and injuries in 204 countries and territories and 811 subnational locations, 1990–2021: a systematic analysis for the Global Burden of Disease Study 2021 https://doi.org/10.1016/s0140-6736(24)00757-8

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18	Anaesthesia, Pain & Intensive Care (ESCI (ISI), Scopus, Embase), (30 May 2024)	Anesthesia experience, clinical characteristics and outcomes of COVID positive childbirths during COVID-19 pandemic: an observational study at two teaching hospitals in Iran https://doi.org/10.35975/apic.v28i3.2468
19	A&A Practice (ESCI (ISI), Scopus, PubMed, Embase), (01 June 2024)	Erector Spinae Plane Block for Labor Analgesia: Toxicity Concerns https://doi.org/10.1213/xa.0000000000001801
20	Archives of Anesthesiology and Critical Care (Scopus, DOAJ), (15 June 2024)	Comparing the Ease of Endotracheal Intubation with and without an Intubation Box in COVID-19 Patients https://doi.org/10.18502/aacc.v10i3.15688
21	European Spine Journal (ISI, Scopus, PubMed, Embase), (26 June 2024)	Answer to the Letter to the Editor of Raghuraman M Sethuraman concerning "The efficacy of ultrasound-guided erector spinae plane block (ESPB) versus freehand ESPB in postoperative pain management after lumbar spinal fusion surgery: a randomized, non-inferiority trial" by A. Mirkheshti et al. (Eur Spine J [2024]: doi: 10.1007/s00586-023-08101-9) https://doi.org/10.1007/s00586-024-08214-9
22	Journal of Obstetrics, Gynecology and Cancer Research (Scopus), (07 July 2024)	The Causes of Maternal Mortality in West Azarbaijan-Iran Province During 2013-2020 https://doi.org/10.30699/jogcr.9.4.371
23	Journal of Nephropathology (Scopus, Embase), (25 February 2025)	Precipitating factors for mortality of individuals with acute kidney injury in ICU; collaboration of nephrologists and intensivists https://doi.org/10.34172/jnp.2025.27612
24	Anesthesiology and Pain Medicine (Scopus, PubMed, Embase), (08 March 2025)	The Magnitude of Anesthesiology Residents Burnout at Shahid Beheshti University of Medical Sciences: A Cross-Sectional Study https://doi.org/10.5812/aapm-159987
25	Anesthesiology and Pain Medicine (Scopus, PubMed, Embase), (29 March 2025)	Multimodal Regional Anesthesia Combining Spinal and Erector Spinae Plane Block for Spine Surgery in a High-Risk Patient with Systemic Sclerosis: A Case Report

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		https://doi.org/10.5812/aapm-160051
26	Obesity Medicine (Scopus, Embase), (01 April 2025)	Is Abdominal Obesity A Predictor of Pain after Laparoscopic Surgery? Insights from a cross-sectional study https://doi.org/10.1016/j.obmed.2025.100608
27	International Journal of Surgery Case Reports (ESCI (ISI), Scopus, PubMed, Embase), (21 April 2025)	Anesthetic management of a patient with a giant goiter undergoing hip arthroplasty: A case report https://doi.org/10.1016/j.ijscr.2025.111329
28	Multiple Sclerosis and Related Disorders (ISI, Scopus, PubMed, Embase), (10 May 2025)	Safety of neuraxial anesthesia in patients with multiple sclerosis: A systematic review of observational evidence https://doi.org/10.1016/j.msard.2025.106467
29	The Lancet (ISI, Scopus, PubMed, Embase), (19 July 2025)	Global, regional, and national trends in routine childhood vaccination coverage from 1980 to 2023 with forecasts to 2030: a systematic analysis for the Global Burden of Disease Study 2023 https://doi.org/10.1016/s0140-6736(25)01037-2
30	European Journal of Geriatrics and Gerontology (ESCI (ISI), Scopus), (14 August 2025)	Evaluation of the Prophylactic Effect of Preoperative Ondansetron on Postoperative Delirium in Older Adults Undergoing Orthopedic Surgery: A Double-Blind Randomized Controlled Clinical Trial https://doi.org/10.4274/ejgg.galenos.2025.2024-8-7
31	Archives of Anesthesiology and Critical Care (Scopus, DOAJ), (16 August 2025)	A Randomized Double-Blind Study Evaluating Fibrinogen-Tranexamic Acid Preventive Therapy Versus a Combined Low-Dose Regimen on Surgical Bleeding Management and Critical Care Outcomes in Patients Undergoing Radical Cystectomy https://doi.org/10.18502/aacc.v11i4.19355
32	The Lancet (ISI, Scopus, PubMed, Embase), (12 October 2025)	Burden of 375 diseases and injuries, risk-attributable burden of 88 risk factors, and healthy life expectancy in 204 countries and territories, including 660 subnational locations, 1990–2023: a systematic analysis for the Global Burden of Disease Study 2023 https://doi.org/10.1016/S0140-6736(25)01637-X

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33	The Lancet (ISI, Scopus, PubMed, Embase), (12 October 2025)	Global age-sex-specific all-cause mortality and life expectancy estimates for 204 countries and territories and 660 subnational locations, 1950–2023: a demographic analysis for the Global Burden of Disease Study 2023 https://doi.org/10.1016/s0140-6736(25)01330-3
34	The Lancet Global Health (ISI, Scopus, PubMed, Embase, DOAJ), (21 October 2025)	Global, regional, and national sepsis incidence and mortality, 1990–2021: a systematic analysis https://doi.org/10.1016/S2214-109X(25)00356-0
35	Anesthesiology and Pain Medicine (Scopus, PubMed, Embase), (4 November 2025)	The Effects of Caudal Epidural Injection on Optic Nerve Sheath Diameter and Hemodynamic Parameters in Adults with Failed Back Surgery Syndrome: A Prospective Clinical Study https://doi.org/10.5812/aapm-166101
36	BMC surgery (ISI, Scopus, PubMed, DOAJ), (24 November 2025)	The quadro-iliac plane block: a systematic review of a promising novel technique https://doi.org/10.1186/s12893-025-03320-x
37	Regional Anesthesia & Pain Medicine, (ISI, Scopus, PubMed, Embase), (10 December 2025)	EP139 Quadratus lumborum block for acetabular fracture surgery by stoppa method https://doi.org/10.1136/rapm-2025-ESRA.208
38	The Lancet Infectious Diseases (ISI, Scopus, PubMed, Embase), (15 December 2025)	Global burden of lower respiratory infections and aetiologies, 1990–2023: a systematic analysis for the Global Burden of Disease Study 2023 https://doi.org/10.1016/S1473-3099(25)00689-9
39	Archives of Anesthesiology and Critical Care (Scopus, DOAJ), (19 December 2025)	Angioedema Following Spinal Anesthesia with Bupivacaine in a Pregnant Woman Undergoing Caesarian: A Case Report and Review of Potential Etiologies https://doi.org/10.18502/aacc.v12i1.20549
40	Nature Medicine (ISI, Scopus, PubMed, Embase), (06 January 2026)	Global, regional, and national burden of chronic respiratory diseases and impact of the COVID-19 pandemic, 1990–2023: a Global Burden of Disease study https://doi.org/10.1038/s41591-026-04288-8
41	International Journal of Clinical Practice (ISI, Scopus,	Comparative Efficacy of Ultrasound-Guided Versus Laparoscopically Administered Subcostal Transversus Abdominis Plane and Rectus Sheath Blocks in

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	PubMed, Embase), (12 February 2026)	Laparoscopic Cholecystectomy: A Randomized Noninferiority Trial https://doi.org/10.1155/ijcp/1849109
42	Archives of Anesthesiology and Critical Care (Scopus, DOAJ), (19 February 2026)	Comment on: "Comparison of Saddle Block Anesthesia with Three Different Sitting Times in Patients Undergoing Dilation and Curettage" https://aacc.tums.ac.ir/index.php/aacc/article/view/1480
43	The Lancet Global Health (ISI, Scopus, PubMed, Embase, DOAJ), (1 May 2026)	Burden of 292 causes of death and life expectancy decomposition in Iran, 1990–2023: a systematic analysis for the Global Burden of Disease Study 2023 https://doi.org/10.1016/S2214-109X(26)00031-8
Books		
Persian translation of Stoelting's Anesthesia and Co-Existing Disease, 8 th edition book		
Persian translation of Miller's Anesthesia, 9 th edition book		
Book Chapter Author, Fundamentals of Anesthesia, Pain, and Critical Care		
Personal background		
Fluent in English and Persian.		
Knowledgeable in Microsoft Office programs.		

I attest that the above CV belongs to Alireza Shakeri, it is all true and current: 8th Jun 2026