



Mahsa Nejadhossein

MICROBIOLOGIST · APPLIED BIOTECHNOLOGY STUDENT

Ansbach, Bavaria, 91522, Germany

+49 176 647 77330 | mahsa.nejad77@gmail.com

Education

Hochschule Ansbach

MASTER'S IN APPLIED BIOTECHNOLOGY

Ansbach, Germany

2024-03-01 - present

Islamic Azad University, Karaj Branch

BACHELOR'S IN MICROBIOLOGY

Karaj, Iran

2019-09-01 - 2023-02-28

Experience

Assistant

DR. NEJADHOSSEIN'S RADIOLOGY & SONOGRAPHY CLINIC

2017-12-01 - present

- Radiology and sonography practice support
- Assisted in daily tasks at a radiology and sonography practice, supporting patient workflow and basic administrative and clinical activities.

Laboratory Intern / Assistant

SHAFÄ MEDICAL DIAGNOSTIC LABORATORY

2022-07-01 - 2023-07-01

- Medical diagnostic laboratory techniques
- Gained hands-on experience with medical diagnostic laboratory procedures, including sample handling, microbiological techniques and operation of core laboratory equipment.

Languages

Farsi — Native (*Mother tongue*) [Mother Tongue]

English **B2** — Upper-Intermediate (*Good command for academic and everyday communication*) [IELTS Academic •6.5/9.0]

German **B2** — Intermediate (*Actively improving for study and work*)

Workshops & Certifications

University of British Columbia (ELI)

English Fundamentals Program, (4 months) [Certification](#)

Shafa Medical Diagnostic Laboratory

Laboratory Microbial Techniques Internship, (1 year (~90 hours structured training)) [Certification](#)

Training Course in Medical Diagnostic Laboratory Skills, (50 hours) [Certification](#)

ICAD Academy

Good Laboratory Practice (GLP), (16 hours) [Certification](#)

University of Tehran

Histological techniques and equipment, (15 hours) [Certification](#)

Applied Bioinformatics, (10 hours) [Certification](#)

Fundamental principles of molecular testing techniques, (45 hours) [Certification](#)

Fundamental techniques for handling blood sampling and injection in laboratory animals, (6 hours) [Certification](#)

Introduction to microbiological lab techniques, (10 hours) [Certification](#)

Fundamental principles of in vitro cell culture techniques, (10 hours) [Certification](#)

IQC / ASCB

Maktabkhooneh

Intermediate R and Python programming *Certification*

General programming skills *Certification*

Front-end development (HTML, CSS, JavaScript, PhpStorm) *Certification*

Skills

LABORATORY TECHNIQUES

Molecular & Microbial Biology Techniques	Microbial techniques,PCR / real-time PCR,Urine & stool analysis,Hematology,Immunology
Histology & Cell Culture	Histology,Cell culture basics
Lab Equipment & Instrumentation	Incubators,Liquid handling systems,Biochemical analyzers,Spectrophotometers,Calibration tools,Pipetting

BIOINFORMATICS & COMPUTATIONAL TOOLS

Sequence Analysis & Primer Design	FinchTV,Sequence analysis tools,Protein bioinformatics,Primer design,NCBI & online tools
Programming & Scripting	R,Python
Data & Database Management	Database management

SOFTWARE & CREATIVE TOOLS

Office & Productivity	Microsoft Office
Design & Creative Software	Photoshop,Illustrator,Canva,Procreate
Web & Front-end	HTML/CSS,JavaScript,PhpStorm

SOFT SKILLS

Core Soft Skills	Teamwork,Communication,Adaptability,Reliability
-------------------------	---

ARTISTIC & PERSONAL INTERESTS

Hobbies & Interests	Piano,Photography,Fashion,Drawing,Dance & fitness
--------------------------------	---

References

Medical doctor & radiologist

Dr. Nejadhosseini's Radiology & Sonography Clinic, Karaj, Iran

DR. MOHAMMADALI NEJADHOSSEIN

- Email: nejadhossein@yahoo.com

Medical practitioner & clinical and anatomical pathologist

Karaj, Iran

DR. SEPIDEH ABDI SOUFI

- Email: sasa_118@yahoo.com

Assistant professor of developmental biology — Developmental Biology

Islamic Azad University, Karaj Branch, Karaj, Iran

DR. MONA FARHADI

- Email: mona.farhadi@kiau.ac.ir