



# Mahsa Nejadhossein

MICROBIOLOGIST · APPLIED BIOTECHNOLOGY STUDENT

Ansbach, Bavaria, 91522, Germany

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## Education

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### 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

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### 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

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**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

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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

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### LABORATORY TECHNIQUES

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

### BIOINFORMATICS & COMPUTATIONAL TOOLS

<b>Sequence Analysis &amp; Primer Design</b>	FinchTV,Sequence analysis tools,Protein bioinformatics,Primer design,NCBI & online tools
<b>Programming &amp; Scripting</b>	R,Python
<b>Data &amp; Database Management</b>	Database management

### SOFTWARE & CREATIVE TOOLS

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

### SOFT SKILLS

<b>Core Soft Skills</b>	Teamwork,Communication,Adaptability,Reliability
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### ARTISTIC & PERSONAL INTERESTS

<b>Hobbies &amp; Interests</b>	Piano,Photography,Fashion,Drawing,Dance & fitness
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## References

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### 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