



# Mahsa Nejadhossein

MICROBIOLOGIST · APPLIED BIOTECHNOLOGY STUDENT

Ansbach, Bavaria, 91522, Germany

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## 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

#### SHAFI 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*

Shafi 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

#### 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

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### Medical doctor & radiologist

*Dr. Nejadhossein'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@kia.ac.ir