



Mahsa Nejadhossein

MICROBIOLOGIST · APPLIED BIOTECHNOLOGY STUDENT

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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

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. 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