



SEPEHR FAZELI SHAHROUDI

Junior web developer

- +4915753239701
- Untere Himmelreichstrasse 10, 94469 Deggendorf
- 07.02.1996 in Tehran, Iran
- sepehr.fazeli-shahroudi@stud.th-deg.de
- GITHUB.COM/SEPEHRFAZELI
- LINKEDIN.COM/IN/SEPEHR-FAZELI

Education

ELECTRICAL ENGINEERING & IT (ELEKTRO- UND INFORMATIONSTECHNIK)

03 / 2022- present

Germany

Technische Hochschule Deggendorf

ELECTRICAL ENGINEERING

09 / 2014- 09 / 2019

Iran

Semnan University

GPA: 2.4

Experience

CO-FOUNDER OF MED-IRAN

12 / 2021 - 02 / 2022

Iran

Startup

- Automatic measurement of lung involvement for patients with Covid-19 using CT images
 - Developed a Windows app to show and measure lung involvement captured in CT images.
 - Handled image matrixes and created algorithms to process CT images in order to filter the infected parts using Delphi (Object Pascal).
https://github.com/sepehrfazeli/COVID-19_Detection.git

PRIVETE PROGRAMMING TUTOR

08 / 2018 - 02 / 2020

Iran

Self-employed

- Provided private instruction & trainings to software engineering students.
- Assisted them through undergraduate programming courses:
 - Programming Fundamentals in C .
 - Advance Programming in java & javaFX .

TEACHER ASSISTANT

01 / 2019 - 05 / 2019

Iran

Semnan University

- Assisted and mentored two C++ programming classes of 40-50 students.
- Provided educational materials, including summary of what they have learnt during the week and solution to their problems.
- Designed quizzes to assess students progress throughout the semester.

Projects

SENIOR DESIGN PROJECT

02 / 2019- 09 / 2019

Iran

Semnan University

- Preparation and implementation of 3D holographic file display software
 - Developed a Windows to create a holographic image of a 3D designed object
 - Created a 3D lab in order to process the input 3D object using OpenGL.
 - Handled image matrixes and created algorithms to reform the 3D lab results in order to make the output using Delphi (Object Pascal).
 - Got 20/20 as a grade for my Senior Thesis Defense.

Technologies: RAD Studio IDE, FireMonkey (FMX) visual framework.

[A quick look at the abstract](#) https://github.com/sepehrfazeli/Hologram_creator.git

Further Qualifications

FRONT-END ENGINEERING

11 / 2020 - 01 / 2021

Codecademy

- JavaScript
- HTML
- CSS
- React
- Git

<https://github.com/sepehrfazeli/Front-end>

BACK-END ENGINEERING

11 / 2020 - 01 / 2021

Codecademy

- Node.js
- SQL
- REST API
- TDD

<https://github.com/sepehrfazeli/Back-end>

PLC PROGRAMMING FOR SIEMENS S7

08 / 2017 - 09 / 2017

TEHRAN INSTITUTE OF TECHNOLOGY

- Programming with ladder
- PLC S7-300/400
- Score: 98/100

Skills

- React (react web, JSX, react-router)
- HTML5, CSS3, JavaScript
 - CSS grid
- A11Y
- Python (+UML+ Design pattern)
 - I'm currently learning at university

- SQL (PostgreSQL, SQLite)
- nodeJS (ExpressJS)
- RESTful API
- TDD (Jest, Mocha.js)
- VCS (Git, Command Line)

Sepehrfazeli