

SEYEDALIREZA YAGHOUBI



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About

I started computer programming when I was 13 with VB programming language. Programming and computers have been my passion since then. Later, I chose computer engineering as my university major at Shahid Beheshti University, one of the top universities in my country. and now, I am looking for a master's position in order to gain experience and knowledge, wish to expand my knowledge in fields related to Data Science or Software Engineering. Moreover, I'm currently working on IPTV and media streaming related projects while working as a network manager at Omid Tech Co.

Interests

- Data science & analytics
- Cyber security
- Web Development
- Artificial Intelligence

Education

2018 - 2022 Shahid Beheshti University	Bachelor of Computer Engineering GPA: 2.3 (15.54/20.0)
2017-2018 Salam Pre-university School	Mathematics & Physics Pre-University GPA: 1.3 (18.71/20.0)
2014-2017 Salam High School	Mathematics & Physics Diploma GPA: 1.1 (19.62/20.0)

Honors & Awards

Ranked among top 0.25%

Ranked 886 among 350,000 participants in national entrance exam for state universities in Iran in 2018

Scoring A+ & Top Student

In Internet Engineering

Scoring A+ & Top Student

In Electrical Circuits

Scoring A+ & Top Researcher

In Database Lab

Scoring A+ & Top Researcher

In Operation Systems Lab

Scoring A+ & Top Researcher

In Software Engineering Lab

Scoring A+ & Top Researcher

In Logical Circuits and computer architecture Lab

Scoring A+ & Top Researcher

In Computer Networks Lab

Scoring A & Top Student

In Principles of Compiler Design

Scoring A & Top Student

In Microprocessors and Assembly Language

Scoring A & Top Student

In Hardware-Software Codesign

Scoring A+ & Top Student

In Data Structure

Scoring A & Top Student

In Embedded and Realtime Systems

Scoring A & Top Student

In Artificial Intelligence and Expert Systems

Scoring A & Top Student

In Principles of Compiler Design

Languages

- **English**
 - > IELTS Academic:
Speaking : 7 Writing: 6.5 Listening: 6.5
Reading: 6 **Overall: 6.5**
- **Persian**
 - > Native
- **Deutsch**
 - > Upper-intermediate

Personality

Working effectively in a multitasking environment
Passionate about solving complex problems
Team working in a friendly environment

Aiming to achieve the maximum result in my work
Working as a volunteer in charities

Skills

Programming Languages

C,C++,Java,Python,MATLAB/Simulink,HTML/CSS,
JavaScript(Nodejs,VueJs,Reactjs), MySQL, Solidity

Assembly Languages

X86, ARM, RISC-V

IDEs

IntelliJ IDEA, PyCharm, CLion, Keil µVision, Remix
Arduino , Visual Studio Code, PlatformIO, Data Grip

Operating Systems

MacOs, Windows, Linux (Debian, Ubuntu)

HDLs and Hardware Simulation and Synthesis Tools

VHDL, Verilog/System-Verilog, Modelsim, Proteus, Intel
Quartus Prime, Xilinx ISE Design Suit

Other

RaspberryPi4,VisualParadigm,CiscoPacket
Tracer,FreeRTOS ,Git

Work & Experience

Winter 2020, Fall 2021,
Winter 2021
Shahid Beheshti University

Data Structures

>Teaching assistant
Proffesor Ahmad-Ali Abin

Winter 2021
Shahid Beheshti University

Systems Analysis & Design

>Teaching assistant
Professor Alireza Shameli-Sendi

Winter 2021
Shahid Beheshti University

Systems Analysis & Design

>Teaching assistant
Professor Faezeh Gohari

Winter 2020
Shahid Beheshti University

Principles of Algorithms

>Teaching assistant
Professor Ramak Ghavamizadeh Meybodi

Winter 2020, Fall 2021,
Winter 2021
Shahid Beheshti University

Principles of Compiler Design

>Teaching assistant
Professor Ghasem Jaberipour

Summer 2019	Front-end developer >internship Sharif university of technology acceletator
Summer 2020	Front-end developer hired at digitalents.ir
Summer 2021 - Summer 2022	Network administrator hired at Tehran Urban & Suburban Railway Co (Tehran Metro)
Summer 2023 - now	Network administrator & Full-Stack developer hired at Omid Tech Co as a R&D member omid.market

Recent Projects

SNMP monitoring system (Thesis project)	My thesis project is to implement a android application(APK) which can be monitored some mobile status(e.g. WIFI,Bluetooth,GPS,...) with SNMP protocol through a jar file in desktop
Othello game	Implement an othello game which is supporting AI and you can play with computer or just watch playing together
Android classroom	Implement demo of google classrom on n android os
tetris game	Implement tetris game on ArmX86 architecture
IPTV middleware	Implement client side application on Rasbperr4 for generate m3u8 file of channels which is collected by another device and send to it
Support panel Support.omidtech.ir	impelement support page for my company as well as admin panel for whole support page