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,im currently working on IPTV and media steaming 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 Principles of Compiler Design

Scoring A+ & Top Student
In Electrical Circuts

Scoring A & Top Student
In Microprocessors and Assembly Language

Scoring A+ & Top Researcher
In Database Lab

Scoring A & Top Student
In Hardware-Software Codesign

Scoring A+ & Top Researcher
In Operation Systems Lab

Scoring A+ & Top Student
In Data Structure

Scoring A+ & Top Researcher
In Software Engineering Lab

Scoring A & Top Student
In Embedded and Realtime Systems

Scoring A+ & Top Researcher
In Logical Circuits and computer architecture Lab

Scoring A & Top Student
In Artificial Intelligence and Expert Systems

Scoring A+ & Top Researcher
In Computer Networks Lab

Scoring A & Top Student
In Principles of Compiler Design

Languages

- **Englsih**
  > IELTS Academic:
  Speaking : 7 Writing: 6.5 Listening: 6.5
  Reading: 6 **Overall: 6.5**

- **Persian** • **Deutsch**
  > Native   > 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** >intership 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 imp[ement a android application(APK) which can be monitored some mobile status(e.g. WIFI,Bluetooh,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 Rasbperri4 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