Ali **Heydari**

COMPUTER ENGENIEERING STUDENT

Iran, Tehran, Narmak, Iran University of Science and Technology.

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"Be the change that you want to see in the world."

Education

IUST (Iran University of Science and Technology)   *Iran, Tehran*
B.S. IN COMPUTER ENGINEERING   *Sep. 2017 - Now*

SUT (Sharif University of Technology)   *Tehran, Iran*
B.S. IN CHEMICAL ENGINEERING   *Sep. 2016 - Sep. 2017*
• I left Sharif University to change my field of study

Shahid Beheshti High School   *Delijan, Iran*
SCIENTIFIC DIPLOMA   *Sep. 2015*

Honors & Awards

2016	**Ranked 441**, National Entrance Exam (Konkoor) among all Iranian Students (among approximately 163000 applicants) in Math. & Physics.	*Iran*
2014	**Kharazmi festival rank**, The first rank in the provincial section and the country's highest rank	*Tehran, Iran*
2014	**Invention of Damaban SAMA**, Holds a patent for invention of Damaban SAMA	*Tehran, Iran*
2013	**Invention of Ghalamgir khoshnevisi**, Holds a patent for invention of Ghalamgir khoshnevisi	*Tehran, Iran*

Technical Skills

Back-end	Django, REST API, ASP.NET Framework
Front-end	React.js, Android, HTML5, CCS3, Bootstrap4, WPF
Programming	C#, Kotlin, Python, Java, JavaScript, TypeScript, BashScript, BatchScript
DataBases	Entity Framework, PostgreSQL, SQLite
Other	Git, Design Patterns, Scrum, TDD, LaTeX, CI/CD
Operating Systems	Windows, Linux
Languages	Persian, English

Experience

Head Teacher assistant   *Tehran, Iran*
IRAN UNIVERSITY OF SCIENCE AND TECHNOLOGY   *Feb. 2019 - Now*
• Advanced programming course
• Course page link

Teacher assistant   *Tehran, Iran*
IRAN UNIVERSITY OF SCIENCE AND TECHNOLOGY   *Oct. 2017 - Jan. 2018*
• Advanced programming course

Front-end & Back-end Developer
SPORTIFY PROJECT   *Fall 2018*
• Web Programming course project
• Front-end with React.js using TypeScript.Front-end repository available in Github
• Back-end with Django framework. Back-End Repository available in Github
• Implemented Google OAuth, RESTful APIs
• Design some pages in Front-End

Simulate Mano computer

Fall 2018

- Computer architecture course project
- Implemented Mano computer architecture in proteus 8
- Repository available in Github

Research interests

- Software Architecture
- Machine Learning
- Deep Learning
- Data Science
- Artificial Intelligence
- Distributed Systems

Personal Traits

- I enjoy learning new things and sharing what I know with others.
- I enjoy helping others and I help others as much as I can.
- I think I'm responsible for everything I've been given.
- Good listener, planner, disciplined, funny, introverted and structuralist.
- Ability to work as an individual as well as in team.

Course highlights

- Design of database systems
- Algorithms design
- System analysis and design
- Operating systems
- Mobile Programming
- Data Structures
- Web Programming
- Advanced Programming
- Computer Architecture
- Digital System Design
- Fundamentals of Programming