Farshid Gharagozloo

SOFTWARE DEVELOPER

g.farshid.ac@gmail.com
437-987-6471

linkedin.com/in/farshid-gharagozloo

github.com/Farshid-Gharagozloo

PROFILE

My passion for software engineering started when I took computational courses during my master's thesis, finding the field interesting and a good fit for my creative and problem-solving skills. I pursued the field by developing relevant skills and find personal satisfaction in this work. I am driven by my eagerness to learn new technologies and enjoy working in teams to make a positive impact on the world through technology.

SKILLS

C++, C, SQL, JavaScript, Python, CSS, HTML, React, git, Sass, Node.js, MySQL, git, npm, Pandas, Numpy, Scikit-learn, machine learning, Matplotlib, Seaborn, parallel programming, Latex, Microsoft Office, Linux, Windows

EXPERIENCE

Research Assistant | IASBS

OCT 2017 – DEC 2018, Zanjan, Iran

- Utilized modeling and simulation techniques to conduct dynamic analysis of networks, producing comprehensive numerical analyses of system performance.
- Gathered, organized, and validated research data, creating visual aids such as graphs and charts to effectively communicate findings in presentations.
- Contributed to student and development initiatives, providing support in the creation of innovative products, equipment, and processes.
- Successfully completed three projects during my tenure, applying research and analytical skills to produce valuable results.

Tutor | Self Employed

SEP 2013 - AUG 2014, Hamedan, Iran

- Instructed students in Physics and Mathematics during weekend sessions.
- Offered personalized one-on-one and small group tutoring to more than six students to enhance their mathematical proficiency.
- Developed tailored lesson plans for each student to address individual knowledge gaps and reinforce fundamental concepts.

EDUCATION

BrainStation | Software Engineering Diploma

APR 2023 - JUN 2023, Toronto, Canada

Institute for Advanced Studies in Basic Sciences (IASBS) | Master Of Science in Complex Systems Physics

SEP 2014 - SEP 2017, Zanjan, Iran

Bu-Ali Sina University | Bachelor Of Science in Physics

SEP 2009 - SEP 2014, Hamedan, Iran

PROJECTS

Research Assistant (Head Programmer) | Contagion Epidemics on Multiplex Networks

JAN 2018, Complex Systems Group at IASBS

- Conducted extensive research by analyzing numerous articles and literature related to the project.
- Collaborated with fellow students to implement computational simulations using C++ and parallel programming techniques to execute complex calculations and analyses.