

Curriculum Vitae

DEGREES:

- Bachelor's Degree in Computer Science, University of Isfahan, Isfahan, Iran
 - From September 2016, To July 2021, Completed
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TEACHING EXPERIENCE:

- Teacher of a *creative approach to programming* course
 - Computer Science Faculty Programming Group (CSFPG)
 - University of Isfahan
 - From Sept 2017, To Jan 2018
 - Undergraduate Teaching Assistant
 - Faculty of Mathematics and Statistics, University of Isfahan, Isfahan, Iran
 - From Sept 2018, To Jan 2019
 - Part-time
 - I was a teaching assistant for the "*Introduction to Computer Programming*" course under Dr. Fahime Ramezani's supervision.
 - Undergraduate Teaching Assistant
 - Faculty of Mathematics and Statistics, University of Isfahan, Isfahan, Iran
 - From Sept 2017, To Jan 2018
 - Part-time
 - I was a teaching assistant for the "*Introduction to Computer Programming*" course under Dr. Fahime Ramezani's supervision.
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RESEARCH PROJECTS:

- An Introduction to Bitcoin and Blockchain: A Computer Science and Economic Approach
 - BSc Project in Computer Science
 - In this research, we reviewed Bitcoin from an economic and technical perspective. The first part discusses Bitcoin's potential as a valuable commodity. The second part describes Blockchain components and algorithms such as Proof-of-Work, mining procedure, and bitcoin transactions properties.
 - The full article is available here via [this link](#).
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HONORS AND AWARDS:

- Third Best Student - 2018
 - Faculty of Mathematics and Statistics, University of Isfahan
 - Based on average GPA from Fall 2016 to Fall 2018
- Top 3% of 170,000 participants in the Iranian University Entrance Exam (Konkour) - 2016

- Konkour is held every year between students to gain admission to public universities. Konkour questions cover all topics explained in Iranian high school textbooks and only the best students can get admission to top public universities in Iran.

PROFESSIONAL ACTIVITIES:

- Contributed to exercism.org
 - I contributed to exercism.org Go training path by helping them improve their challenges via Github
- Software Developer
 - ICARUS TEAM, Isfahan, Iran
 - From September 2021, To March 2022
 - Full-time, volunteer
 - My main task was to develop a peer-to-peer solution to create a novel gameplay mechanic that enables players to connect to each other's game through a semi-multiplayer environment.
- Participant in Sharif AI Challenge 2019
 - Each group participates in a gaming contest in which they have to beat others by programming a superior AI for NPCs.
 - Sharif University of Technology - Tehran, Iran
 - Feb 2019
- Attendee of Winter Seminar Series (WSS) 2018
 - Sharif University of Technology - Tehran, Iran
 - Dec 2018
- Participate in IRAN Mathematical Society (IMS) 42nd yearly competition
 - Participants are chosen based on overall skill and GPA in the faculty.
 - July 2018

REFERENCES:

- Dr. Saeed Azam
 - Professor of Mathematics, Department of Mathematics, University of Isfahan, Iran
 - Email: azam@sci.ui.ac.ir
- Dr. Fahime Ramezani
 - Lecturer, Macquarie University, Sydney, Australia
 - Email: fahimeh.ramezani@mq.edu.au