ZOHREH (ZOË) SADEGHI

Software Engineer

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EXPERIENCE

Researcher

University of Washington, Tacoma ↗

📅 Jan 2020 – Present   📍 Tacoma, WA

- Member of the Cloud and Distributed Systems (CDS) Research Lab
- Working on a project to evaluate the performance of Firecracker

Freelance Web Developer

Remote

📅 Sep 2018 – Present   📍 Kirkland, WA

- Actively working on a few web development projects (ES6, NodeJS)
- Honing my skills in using Ruby on Rails as a backend technology

Coding Bootcamp

AppAcademy ↗

📅 May 2019 – Dec 2019   📍 San Francisco, CA

- Accepted into one of the nation's best coding bootcamps ↗ having one of the lowest acceptance rates ↗.
- Did multiple cycles of coding projects with tight deadlines
- Practiced teamwork, pair programming, agile development and cutting edge technologies

Data Analyst & Java Developer

Amir Teb Bita ↗

📅 Feb 2012 – Mar 2014   📍 Amol, Iran

- Implemented an application to collect measurement metrics from lab equipment.
- Implemented a statistical model for recalibration of lab equipment, increasing equipment accuracy by 12% across the board.
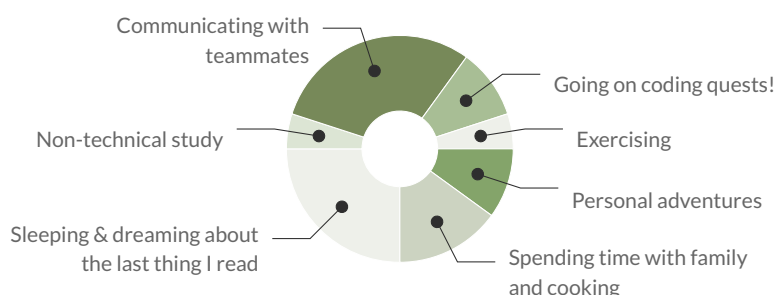
Resident Researcher

University of Mazandaran

📅 Jan 2013 – Jan 2015   📍 Babolsar, Iran

- Collaborated on several projects resulting in two published papers.

A DAY OF MY LIFE

Communicating with teammates
Non-technical study
Sleeping & dreaming about the last thing I read
Going on coding quests!
Exercising
Personal adventures
Spending time with family and cooking

ABOUT ME

I am a driven, self-motivated student, looking to expand my horizons by learning to build software the right way, as part of a bigger team. I am self-sufficient and thrive in ambiguity.

NOTABLE SKILLS

Java   Ruby   JavaScript   Bash   SQL   ES6   HTML5   CSS3

FEATURED PROJECTS

- **A Performance and Resource Isolation Evaluation of the Firecracker MicroVM** – Capstone project under the supervision of Dr. Wes. J. Lloyd.
- ⊙ **/pandora** Extensible distributed key-value supporting replication, multiple protocols, as well as Raft.
- ⊙ **/starbox** Web-based application for managing the websites of a chain of coffeeshops.
- ⊙ **/grizzle** A semantic search engine for the million song dataset.

PUBLICATIONS

- The modified equation for spinless particles and superalgebr, Journal of Mathematical Physics, 2013 ↗
- Thermodynamics of Near-Extremal Solutions of Einstein-Maxwell-Scalar Theory, Springer, 2013 ↗

EDUCATION

M.Sc. in Computer Science and Systems

University of Washington, Tacoma

📅 2016 – Present

B.S. in Atomic and Molecular Physics

University of Mazandaran

📅 2008 – 2013

LANGUAGES

English
Persian

REFERENCES

Dr. Wes J. Lloyd

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Computer Science and Systems,
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Distribution Engineer, Gitlab

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