

ZOHREH (ZOË) SADEGHI

Software Engineer

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EXPERIENCE

Freelance Web Developer

Remote

📅 Sep 2018 – Present 📍 Kirkland, WA

- Actively working on a few web development projects (ES6, NodeJS)
- Using Spring Web, Spring Data, and Spring Boot + MySQL, Postgresql, H2, and Sqlite for several projects.
- 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, including Ruby on Rails [↗](#), ActiveRecord [↗](#), React [↗](#)

Data Analyst & Java Developer

Amir Teb Bitā [↗](#)

📅 Feb 2012 – Mar 2014 📍 Amol, Iran

- Implemented application to collect measurement metrics from lab equipment using Spring Web and Spring Data.
- 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.

EDUCATION

M.Sc. in Computer Science and Systems

University of Washington, Tacoma

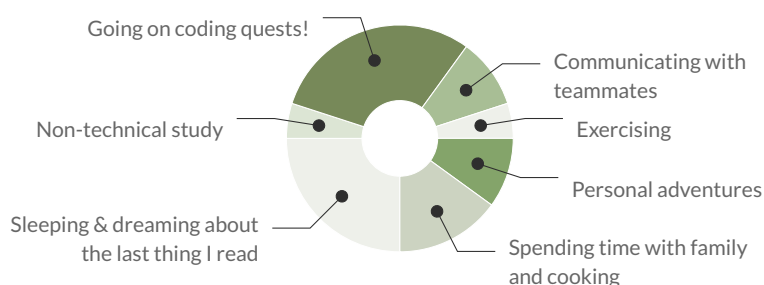
📅 2020

B.S. in Atomic and Molecular Physics

University of Mazandaran

📅 2013

A DAY OF MY LIFE



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 Spring Spring Data Spring Web
JavaScript Bash SQL Docker
Firecracker Virtualization Linux

FEATURED PROJECTS

- [🔗/benchpress](#) [↗](#) Capstone project with full grade (4.0) under the supervision of Dr. Wes. J. Lloyd.
👁 Ongoing project, under a private repository. Access and metrics can be shared upon request.
- [🔗/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 superalgebra, Journal of Mathematical Physics, 2013 [↗](#)
- Thermodynamics of Near-Extremal Solutions of Einstein-Maxwell-Scalar Theory, Springer, 2013 [↗](#)
- Cordingly, R., Yu, H., Hoang, V., Perez, D., Foster, D., Sadeghi, Z., Hatchett, R., Lloyd, W., Implications of Programming Language Selection for Serverless Data Processing Pipelines, 2020 6th IEEE International Conference on Cloud and Big Data Computing (CBDCOM 2020), Aug 17-24, 2020

FEATURED COURSES

Courses with distinguished grades.

Distributed Systems Information Theory
Research: Virtualization Capstone Project

LANGUAGES

English
Persian

