Mona Ghassemi

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TECHNICAL SKILLS

Industry Certifications:

AWS:
Certified Cloud Practitioner

Languages:

- Javascript
- Java
- Python
- Bash (shell script)
- Ruby on Rails

Automation and Observability:

Infrastructure and CI:

- AWS
- Terraform
- Github Actions
- Bitbucket Pipelines
- Datadog

Testing Tools:

- K6
- Appium / Selenium
- WebdriverIO
- Cucumber / BDD
- RSpec
- Postman (scripting)

Backend:

- MySQL, PostgreSQL
- REST & GraphQL

FE Development:

- HTML5 / CSS
- React.js

Tools of the Trade:

- Git
- Linux / Terminal
- VSCode

WORK EXPERIENCE:

DevOps / Site Reliability Engineer

Internal Projects @ AlleyCorp Nord (Montreal, QC)   Jan 2022 - Present

- Researched implementation of privacy-preserving LLM-based tooling.
- Assembled and tested robotics parts; worked with Viam Robotics' SDK.
- Experimented on ChatGPT's capability at engineering interview tests.
- Wrote blog posts and delivered talks on research results.

Capable Health via AlleyCorp Nord (Montreal, QC)   May 2022 - Jan 2023

- Automated AWS infrastructure and implemented security controls through Terraform, resulting in achievement of SOC2 type 2 certification.
- Secured infrastructure through implementation of linting and static analysis tools in CI and in shared developer environments.
- Led research, documentation, and implemention of an e2e test framework using Terraform and Datadog Synthetics.
- Designed, implemented, ran, and created reports for load tests with K6.
- Managed DNS and http redirects through Cloudflare.
- Automated database seeding for test environments (Ruby on Rails).

Lead Quality Assurance Engineer

Rally.io via AC781 (Montreal, QC)   Apr 2020 - May 2022

- Implemented API test framework (JS: REST/GraphQL) with Github Actions triggers for microservice release workflows.
- Implemented e2e test frameworks for web/mobile applications (WebdriverIO: Appium/Selenium, Browserstack integration).
- Managed release testing process and release schedule.
- Implemented process improvements through retrospectives, post-mortems and inter-team communication.
- Performed acceptance and stress testing of various products.

Quality Assurance Developer

Workjam, Inc. (Montreal, QC)   Jan 2019 - Apr 2020

- Implemented e2e testing framework in Javascript / CucumberJS with REST API calls for data creation, Appium/WebdriverIO, Saucelabs integration, and slack hooks for result reporting.
- Implemented front-end mobile tests.
- On-boarded test developers and mentored an intern.

Quality Assurance and Support Specialist

Peerio Technologies (Montreal, QC)   Oct 2018 - Dec 2018

- Performed manual software feature testing and regression testing on desktop and mobile platforms.
- Wrote and implemented automated test scenarios (cucumberJS).
- Communicated with devs and users to resolve issues and fix bugs.

LEADERSHIP AND MANAGEMENT EXPERIENCE:

Vice President of the Board of Directors
Iranian-Canadian Congress (Canada)   Apr 2023 - Present
- Contributed to high-level decision-making, including chairing committees and developing projects.

Volunteer: Logistics, Training Moderator, Member of Diversity Program Selection Committee
NorthSec (Montreal, Quebec)   May 2023, March - May 2021
- Moderated a workshop hosted on Zoom (assisted trainer in addressing questions) (2021).
- Selected winning participants among applicants to the Diversity Outreach program (2021).

President of the Board of Directors
QPIRG Concordia (Montreal, QC)   Oct 2019-Oct 2021
- Participated in board meetings and collective decision-making related to the organization.
- Served on hiring committees and made decisions regarding funding allocations.

Reading Club Organizer and Discussion Lead
#BecauseWeveRead Montreal (Montreal, QC) and JooJoo Azad   Apr 2018-Apr 2020
- Hosted regular events and promoted them through social media.
- Communicated with an international team as well as local bookstores and partners.
- Wrote grant applications and received funding from community organizations.

Medical Camp Coordinator and Tutor
McGill University Computer Science Summer Camp (Montreal, QC)   Summers 2010-2014
- Delivered a lesson on Java and coached camp participants during programming activities.
- Coordinated a small team to ensure the smooth running of the biology section of the camp.

EDUCATION

Master of Arts: Social and Cultural Anthropology
Concordia University (Montreal, QC)   2015-2017
- Thesis: *Reproducing The Virginity Imperative:*
Women's Collusion and Men's Complicity Among Young Iranians Living in Montreal
- Concordia Conference and Exposition Award   2017
- Carrie Boucock Memorial Award(Concordia Department of Sociology and Anthropology)   2017
- Teaching Assistantship (Introduction to Sociocultural Anthropology)   2016-2017

Bachelor of Science: Computer Science and Biology
McGill University (Montreal, QC)   2009-2014
- Teaching Assistantship (Introduction to Computing)   2010-2012

ADDITIONAL EDUCATION AND TRAINING:

Mastering Container Security
NorthSec   May 2020

Peer Support and Advocacy Training
Centre for Gender Advocacy (Montreal, Quebec)   2017-2018

Leadership Certificate
French Language Workshops - Level 5
GradProSkills, Concordia University (Montreal, Quebec)   2017-2018

LANGUAGES SPOKEN AND WRITTEN:

- English (fluent)
- French (advanced)
- Farsi/Persian (fluent)