





DANIEL RAZAVI

SOFTWARE DEVELOPMENT ENGINEER

 github.com/danielrazavi
 danraz1376@gmail.com
 linkedin.com/in/danielrazavi/
 +1(647)-960-7621

EDUCATION

Graduated May 2021

University of Toronto

Honours B.S, Computer Science,
Mathematics and Statistics.

PROGRAMMING SKILLS

Languages

Python
Java
Bash / Shell Scripting
JavaScript
HTML / CSS
C
SQL
TypeScript

Technologies

AWS
React
Git / Version Control
Linux
NumPy/SciPy
Visual Studio
IntelliJ
PyCharm

PROFESSIONAL EXPERIENCE

Software Development Engineer - Amazon.com, Inc.

July 2021–November 2022 | Toronto, ON

- Refined **AWS Lambda** Function cold start time by 80% by actively working with clients and implementing requested performance improvements.
- Optimized **CI/CD pipelines** by writing **Integration Tests** for Gamma and Prod Stages which were verified in **sand-box** and **one-box** environments.
- Improved on-call response and resolution time by optimizing alarming systems and on-call run-books, resulting in a \$1080000/hour mitigation in on-call costs.

Software Developer + SD Intern - Environment Climate Change Canada

May 2019–June 2021 | Toronto, ON

- Designed, implemented and maintained a system responsible for automating the creation of Debian packages for a series of software components, effectively reducing the packaging time from 2-3 days to a few minutes.
- Updated system configurations using continuous integration techniques and the established software development process.

Head Teaching Assistant of CSC384, CSC236 and CSC148 - University of Toronto

September 2020–August 2021 | Toronto, ON

- Developed [an auto-grader tool](#) (Project M.A.R.K) to reduce marking time, created tutorial slides to help students better focus on learning the course material rather than taking notes, and assisted the instructors produce more effective assignments and assessments.
- Doubled the length of student office hours by creating [YouTube videos](#), which enabled on-demand tutorial playback for students during the COVID-19 pandemic.
- Provided efficient high-quality education through **weekly scrum sessions** to support team conversations regarding developing assessment answer keys, setting deadlines for grading tests and assignments, and going through discussion board questions.

PROJECTS

[DistractMeNot](#) (JavaScript)

- A browser extension created to remove distracting elements from various popular webpages, such as YouTube Recommended Feed, Facebook Newsfeed, Instagram Explore Page, etc.

[Apple Calculator](#) (Java)

- A detailed clone of the iOS Calculator application designed for Android. Built with a design that enables more operations to be implemented by third party developers.

[Project M.A.R.K](#) (Python, Shell Script)

- An auto-grader and analytics tool that reduces the time needed to assess hundreds of submissions from 1-2 weeks to 4-5 hours, while maintaining a high degree level of security by sandboxing each evaluation.