

Daniel Razavi Azar Khiavi

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STATEMENT

Self-driven Student with an interest towards many branches of software development and an aptitude for new technologies. Work exceptionally well in group projects, and always deliver the best quality of work. Highly adaptable to new environments and disciplines.

EDUCATION

UNIVERSITY OF TORONTO

B.S IN COMPUTER SCIENCE,
STATISTICS AND MATHEMATICS
Expected May 2020 | Mississauga,
Ontario

Sessional GPA: 3.5

LINKS

Website: danielrazavi.github.io

LinkedIn: [Daniel Razavi](#)

Github:// [Daniel Razavi](#)

COURSEWORK

Data Structures and Analysis,
Operating Systems,
Intro. to Databases,
Intro. to Software Engineering,
Intro. to Artificial Intelligence
Programming on the Web
Development (In Progress),
Neural Networks and Deep Learning
(In Progress)

SKILLS

LANGUAGES

Java • Python • C • \LaTeX • R
HTML • CSS • SQL • XML
Racket • Haskell • Prolog • PHP

SOFTWARE

Spyder • Eclipse • Pycharm
Visual Studio • Atom • Vim
Nano • Github • Bitbucket
Android Studio

TOOLS AND OPERATING SYSTEMS

Shell • GIT • GDB • Scrum • Linux
Windows • MacOS

EXPERIENCE

UNIVERSITY OF TORONTO | TEACHER'S ASSISTANT

September 2018 – December 2018 | Mississauga, ON

- Facilitated group exercises and challenged students to apply presented material from class, in their personal projects.
- Instructed 2 classes of CSC236 (Intro. to the Theory of Computation) to second years students, under the direction and guidance of course instructors.
- Learned the basics of web development and created a website that can help students receive class slides and extra resources.

UTM HACK LAB | GIT WORKSHOP INSTRUCTOR

January 2018/2019 – | Mississauga, ON

- Assisted Computer Science students to fully learn GIT.
- Supported students to incorporate GIT in their assignments and/or personal projects.
- Eliminated common misunderstandings in regards to GIT by making sure every student creates and configures a repo of their own, on their own device.

ALDO GROUP | SALES ASSOCIATE

July 2016 – August 2017 | Newmarket, ON

- Cashier and Customer Care at Aldo, Upper Canada Mall. Providing excellent customer service to visitors by answering questions, training new members and handling exchanges/returns.
- Learning and adapting in short periods of time due to constant change in sales.

PROJECTS

PERSONAL WEBSITE

- Made a personal website to learn new web development technologies.
- Originally designed as a resource for my students but currently is used to showcase my projects to visitors and potential employers.
- Created using only HTML and CSS (Currently enrolled in Web Development - More technologies on the way)

APPLE CALCULATOR

- An Android application developed (with Java) to give users the ability to feel how the stock calculator on iOS feels.
- Scientific Calculator designed with modularity in mind where it enables other developers to add unary and binary operations of their own.
- Implemented the Shunting-Yard algorithm to get the information from the user and used Postfix algorithm to grab that information and calculate it's the output.

CUSTOM NEURAL-NETWORKS

- Created custom program using regularized linear least-Squares regression to fit a function given certain training data.
- Used the Cross Validation technique to get a better result for the training the model. Utilized both batch and stochastic gradient descent (on separate occasions) for training the models.
- Designed custom artificial neural networks and experimented with different types of activation functions. Made sure to use the numpy library in Python so that program can run smoothly.