

SELDEN LIN

✉ selden.lin@mail.utoronto.ca
in <http://www.linkedin.com/in/selden-lin>

🔗 <http://www.github.com/selden-lin>
📦 <https://selden-lin.github.io/>

EXPERIENCE

Software Developer Intern, Mosaic Institute

Sept. 2019 - Dec. 2019

- Implemented real time player interactions in a SocketIO server for game using **Python** and **ReactJS**
- Created **REST API** using **Flask** that connected to a **MongoDB** database
- Created **Docker** container for app and deployed to Google Cloud Platform

Software Developer Intern, IBM

May 2018 - Aug. 2019

- Implemented web dashboards for tracking development progress in agile sprints using **AngularJs**, **IBMDB** and **ExpressJs**
- Automated build and testing processes using **Git/Jenkins workflows** and **Perl/Bash scripts** reducing testing time by **50%**
- Developed testing tool using **Java and Objective C** that designed complex **SQL** queries for black and white box, stress, unit, and use case testing on database systems
- Provided technical support to enterprise customers which reduced business impact reaching potentially **thousands of users**
- Worked with many **Linux and Unix** operating systems (SLES, RHEL, AIX, Ubuntu, etc.)

Website Developer Intern, Epilepsy Southwestern Ontario

June. 2017 - Aug. 2017

- Designed and developed company website using **JavaScript and PHP** used by **hundreds of epilepsy patients** across Ontario at <https://epilepsyswo.ca>

EDUCATION

University of Toronto, Toronto, ON

B.A. Computer Science

Sept 2016 - Dec 2021

G.P.A. 3.74/4.0

Relevant courses: Software design, data structures and analysis, software tools and system programming

SKILLS

Programming Python, Haskell, Java, Objective C, Shell/Bash, Racket

Infrastructure Jenkins, Git, Linux/Aix/Unix

Full Stack JavaScript, ReactJS, AngularJS, Bootstrap, ExpressJs, PHP/MySQL, Flask, MongoDB

PROJECTS / AWARDS

Best Bitcoin Project at Hack Western 2

- Created peer to peer task app that allowed users to pitch small jobs they needed done in exchange for bitcoin using **HTML, CSS, JavaScript, Bootstrap and PHP**

IBM development tracking dashboard

- Created web dashboard to help track development and testing progress of multiple enterprise database products using **ExpressJS, AngularJs, HTML, CSS and JavaScript**
- **Currently used** by VPs and managers at IBM for annual general meetings and end of sprint demos