

SELDEN LIN

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EXPERIENCE

Software Developer Intern, Slalom Build Canada June 2020 - August 2020

- Implemented modules for internal website such as search using **PHP**, **JavaScript** and **Drupal**
- Implemented accessibility features using **Angular** for employee hackathon website

Software Developer Intern, Mosaic Institute Sept. 2019 - Dec. 2019

- Implemented game server for diversity awareness game using **Python**, **SocketIO** and **ReactJS**
- Created **REST API** using **Flask** and **MongoDB** for storing player data

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 **Jenkins workflows** and **Perl/Bash scripts** reducing testing time by **50%**
- Developed testing tool using **Java** that designed complex **SQL** queries for black and white box, stress, unit, and use case testing on database systems
- 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 implemented company website using **JavaScript and PHP** used by **hundreds of epilepsy patients** across Ontario at <https://epilepsyswo.ca>
- Held **weekly meetings** with directors to collect new requirements

EDUCATION

University of Toronto, BSc. Computer Science Sept 2016 - May 2021
G.P.A. 3.74/4.0

Relevant courses: Operating systems, Data Structures, Functional Programming, Database Design, UX

SKILLS AND AWARDS

Programming Python, Haskell, Java, C, Shell/Bash, Racket, JavaScript, TypeScript, ReactJS, Angular, Node, PHP/MySQL, Perl

Infrastructure Jenkins, Git, Linux/AIX/Unix, AWS

Awards: **Best Bitcoin Project** at Hack Western 2 · **2nd place** AWS Game Day at Slalom Canada 2020
· **Deans Honour List** 2018, 2019, 2020

PROJECTS

IBM Development Tracking Dashboard

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