

SELDEN LIN

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EXPERIENCE

Software Developer Intern, Mosaic Institute

Sept. 2019 - Dec. 2019

- Used pub-sub design pattern to implement SocketIO server for player to player interactions in a game using Python and ReactJS
- Created REST API for interactions between front and back end and worked on the Flask server and MongoDB database

Software Developer Intern, IBM

May 2018 - Aug. 2019

- Took full ownership of 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 30%
- 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 HTML, CSS, JavaScript and PHP used by hundreds of epilepsy patients across the province at <https://epilepsyswo.ca>

EDUCATION

University of Toronto, Toronto, ON

Sept 2016 - Dec 2021

B.A. Computer Science

G.P.A. 3.74/4.0

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

TECHNICAL SKILLS

Programming Python, Haskell, Java, Objective C, Shell/Bash, Racket, agile methodology, QA

Infrastructure Jenkins, Git, RESTful services, Linux/Aix, Unix

Full Stack HTML, CSS, JavaScript, ReactJS, AngularJS, Bootstrap, Node.js, ExpressJs, PHP/MySQL, Flask, Socket.IO, MongoDB, jQuery

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
- Created functional prototype in under 36 hours and won a prize of over \$5000

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