SELDEN LIN

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TECHNICAL SKILLS

Full Stack HTML, CSS, JavaScript, ReactJs, AngularJs, Bootstrap, Node.js, ExpressJs, PHP/Mysql, Flask, Socketio, MongoDB, jQuery, Reactjs, ES6
Programming Python, Haskell, Java, Objective C, Shell/Bash, Racket, agile methodology, QA
Other Technologies Jenkins, Git, RESTful services, Linux/Aix, XML, relational algebra

EXPERIENCE

Software Developer Intern, IBM   May 2018 - August 2019

- Created 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
- Developed testing tool using Java and Objective C that designed complex Sql queries for black and white box testing, stress testing, unit, and use case testing on database systems
- Increased test speed of multiple test suites by 50% using Jenkins library
- Helped provide real time assistance to customers which potentially affected thousands of people

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

- Created and shipped app used to improve social connectivity among people who are discriminated or are minorities with a questionnaire game
- Contributed to codebase using Python, Flask, Reactjs and Socketio
- Used pub sub design pattern to implement Socketio server for player to player interactions
- Created REST api for interactions between front and back end and worked on the flask server

Website Developer Intern, Epilepsy Southwestern Ontario   June. 2017 - Aug. 2017

- Built company website using PHP and Joomla
- Implemented event and email distribution system using Mailchimp and PHP at https://epilepsyswo.ca

EDUCATION

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

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

IBM development tracking dashboard
- Created web dashboard for upper management to help track development progress of new project
- Demoed to VP of cloud operations for IBM and several managers in the Markham site
- Drove development with 2 interns and communicated with several managers on project goals and design

Personal Website (https://selden-lin.herokuapp.com/)
- Created personal website hosted on Heroku designed with CSS and Bootstrap