

KEVIN LUONG



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[kevinluong96](#)

Skills

Languages JavaScript, HTML, CSS, Python, Pug, C#, C++
Libraries jQuery, Ember.js, Node.js, Sinon.JS, Mocha, Express, AngularJS

Experience

- Smart Technologies** **Software Engineering Intern**
Sept. 2016
– Dec. 2016
Implemented features in a collaborative, real time online whiteboard platform from start to finish including design and scoping, development and testing.
Lead web development in a three-week intern project involving the inception, development and testing of an polished educational game to be shipped in Q1 2017.
Worked in a team of testers and developers to meet a strict weekly push schedule.
- Natus Medical** **Engineering Coop**
Sept. 2015
– Dec. 2015
Tested unreleased electroencephalogram (EEG) systems in an internal validation to discover and log errors to be corrected in future prototypes.
Wrote detailed analytical reports summarizing test data and provided recommendations to management if new models were ready for production.

Projects

- GraphCat** **A visualization tool for comparing movie ratings**
May 2016
An Express backend asynchronously calls multiple APIs using the search queries and dynamically renders the information to the webpage using Jade.
Challenges: handling multiple asynchronous calls, 403 errors in rendered images.
- Rov** **DementiaHacks 2015, an iBeacon tracking app for use in hospital**
Nov. 2015
The signal strength between a Raspberry Pi and three LightBlueBeans is used to triangulate the position of the Pi and plotted using JavaScript.
Challenges: translating signal strength to position, filtering raw flow of information.

Education

- University of Waterloo** **Candidate for Bachelor of Applied Science in Systems Design Engineering**
Sept. 2014
– Present
Maintained an 83% average over three terms of study.
Relevant coursework:
– Data Structures and Algorithms – Trees, recursion, searching, and sorting.
– Digital Computation – software development & design, OOP in C#.
– Digital Systems – Combinatorial logic, binary logic and computer architecture.

Interests Reading, men's fashion, NFL , NBA , movies, foosball, and board and video games.