



# PIA LEUNG

misspia.github.io

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## SKILLS

React.js AngularJS D3.js jQuery Node.js Ionic A-Frame Javascript  
SCSS CSS3 HTML5 AJAX Gulp Git VBA Tableau Scheme

## PROJECTS

JAN 2017

Personal, Collaborative  
[git.io/vMHQg](https://github.com/pyyleung/vMHQg)

### D3 Geographic Esports Visualization

My role: Created a 3D globe choropleth (heat map). Features include a self-rotating globe, zooming and a tooltip when a country is hovered over. The visualization accepts user input and changes based on the selected game.

D3.js, JavaScript, SCSS, HTML5, Gulp

DEC 2016

Personal, Individual  
[git.io/vMWHA](https://github.com/pyyleung/vMWHA)

### D3 Audio Visualizer

Graphs are dynamically generated from uploaded audio files by utilizing frequency and time domain data passed through custom made D3 components. Currently includes 3 graph types (radial, frequency, wave).

D3.js, JavaScript, SCSS, HTML5, Gulp

NOV 2016

Personal, Individual  
[git.io/vM4YK](https://github.com/pyyleung/vM4YK)

### React 3D League of Legends Champion Selector

A compilation of LoL Champion data scraped using Node.js and rendered with React.js. The unique interface utilizes 3D transform properties in CSS.

React.js, Node.js, SCSS, HTML5, Gulp

SEPT 2016

Personal, Individual  
[git.io/vM4OJ](https://github.com/pyyleung/vM4OJ)

### AngularJS Pokedex

A highly interactive recreation of the classic digital Pokemon encyclopedia. Wrote a scraper to collect the Pokemon data and mass download sprites and images. The interface is mobile compatible and was built using AngularJS.

AngularJS, Node.js, SCSS, HTML5, Gulp

## EXPERIENCE

SEPT 2016 to  
DEC 2016

### Full Stack Developer | Lab of Forward Thinking | Manulife

- Lead developer for recreation of department's internal website
- Collaborated with AI team to create visualizations for their APIs
- Developed Angular charting directives for cutting edge retirement investing tool
- Worked in an agile software development environment

D3.js, AngularJS, React.js, Node.js, Express.js

JAN 2016 to  
APR 2016

### Project Delivery Officer | Global Wealth | CGI

- Developed and maintained budget forecast spreadsheets

VBA / Macros, Excel, Oracle

JAN 2015 to  
APR 2015

### Property Accountant | Ventera Realty

- Balance sheet reconciliation and income statement analysis

Excel, Oracle

## EDUCATION

University of Waterloo | Candidate for Bachelor of Accounting and Finance | Class of 2017