

misspia.codes

@ miss.pialeung@gmail.com

in linkedin.com/in/misspia

d github.com/misspia

skills

Development Languages: JavaScript (ES6), Python, C++, Scheme, HTML, CSS, SQL, GLSL, QML Web Tools: Node.js, React, Redux, Angular, Electron, Webpack, Gulp, Sass, Less, D3.js, WebGL, Express Other Tools: Postgres, React Native, Qt, Git

projects

League of Legends Analytics Tool bit.ly/2xthg7l

SEPT 2017 - PRESENT

- Developed a **Python** scraper and architected a **Postgres** database with **sequelize** to store and serve League of Legends champion and gameplay data
- Designed and implemented a high-impact, user-centered React + Redux front end to visualize game analytics

Pokedex bit.ly/2fJHcUi

- Architected a **Postgres** database to store Pokemon data scraped using **Node.js** for efficient read access
- Implemented front-end using React + Redux and routing with a Node.js (Express) backend to handle database
- Optimized production build and development process using customized Webpack 2 configurations

Audio Visualizer bit.ly/2fjxBTS

JUN 2017 - JULY 2017

- Structured a **React** playlist application using a **flux** based architecture
- Analyzed and rendered audio frequency data onto an HTML canvas using processing-like techniques

D3 Geographic Esports Visualization bit.ly/2xoWW9j

JAN 2017

- Scraped and aggregated esports earnings data using Node.is
- Rendered processed data into a 3D self-rotating globe choropleth (heatmap) using D3.js

experiences

Freelancer / co-founder | studio-ki.co

SEPT 2017 - PRESENT

- Effectively worked with and provided consultation for clients to bring mobile and web applications to life
- Made architectural desicions to create **scalable** applications, directed branding and financial operations

Software Engineer, part-time (Manufacturing Tools) | Thalmic Labs

SEPT 2017 - PRESENT

- Developed intuitive interfaces using **React** with **flux** to communicate with manufacturing machinery software via WebSocket connection
- Improved codebase quality by migrating and re-architecting legacy web applications to React

Software Engineer (Prototyping) | Thalmic Labs

MAY 2017 - AUG 2017

- Architected a React CRUD app that manages software updates to improve QA Team work flow
- Developed Ot / OML applications for user testing to validate product designs
- Implemented a desktop screen capture tool using **Electron** that streams image / video data on remote devices using **Node.js** to improve Design team efficiency

Full Stack Developer (Lab of Forward Thinking) | Manulife

SEPT 2016 - DEC 2016

- Effectively communicated with stakeholders and designers to launch department's internal website redesign
- Developed Angular charting directives using D3.js for cutting edge retirement investment tool

education

University of Waterloo, Bachelor of Accounting and Finance CLASS OF 2018 EXPECTED GRADIATION: AUG 2018