Kyle Windsor

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disseminate

Technical Skills

Languages:

C++, CSS, SCSS, HTML, JavaScript (ES5 and ES6+), TypeScript, Golang, Lua

Software:

Git, Gulp, Grunt, Node.js, MongoDB, MySQL, PostgreSQL

Frameworks and Libraries:

React/React Native, Angular (1, 2-7+, Ionic), Redux et. al., socket.io, Express, TensorFlowJS

Operating Systems:

Arch, Ubuntu, Windows 10

Education

University of Western Ontario   Sep 2018 - Dec 2019
Master's Degree
Computer Vision and Artificial Intelligence
- Work on intelligent vehicle maneuver prediction using artificial intelligence/neural networks

University of Western Ontario   Sep 2011 - May 2017
Bachelor's Degree
Hon. Specialization in Computer Science, Major in Astrophysics
- Average of 88% in Computer Science courses
- Relevant courses: Computer Graphics, Image Analysis Algorithms, Databases, Computer Networks, Analysis of Algorithms, Internet Algorithmics

Selected Employment Experience

Full Stack Developer   Apr 2016 - Present
Devlift Media (London, ON, Canada)
- Designed and wrote multiple full-stack web applications
- Performed backend and frontend web development utilizing modern technologies and frameworks such as Angular (1 and 2), Ionic, Node.js, React, Redux, MongoDB, MySQL, Gulp.js, and Grunt

Professor   Jan 2019 - Aug 2019
Fanshawe College (London, ON, Canada)
- Taught multiple entry-level programming and software development courses.
- Courses taught to date include Databases and Software Design Patterns.

Programmer   Feb 2015 - Apr 2016
ISP Canada (London, ON, Canada)
- Designed and programmed database management utilities and booking calendar software using PHP5 and PostgreSQL
- Performed web design using CSS3, HTML5 and JavaScript

Selected Portfolio

Solarpower (Unreal Engine, C++, SQLite)   2019 (WIP)
- Space simulation game where players co-operatively and competitively govern a galaxy of thousands of stars
- Over 800 unique players during MVP phase

Grapefruit (Node, React, Redux, SQLite)   2019 (WIP)
- Streaming media library and tagging software for personal use

Volunteer Experience

President, Computer Science Undergraduate Society   Sep 2014 - May 2017
University of Western Ontario
- Organized and coordinated the CSUS executive team and events
- Demonstrated strong leadership skills and teamwork to collaborate and build consensus