

David R Owen

Applying for full-time Software Developer Positions

Message me on LinkedIn for contact details.

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EDUCATION

Brigham Young University, *B.S. Computer Science*

Graduation date: December 2019

Core Classes: Data Structures, Algorithms, Testing, Threading, Design Patterns, Math and Team Projects

Elective Focus: Software Design, Game Development, and Graphics

EXPERIENCE

BYU OIT, *Architect - Programmer*

January 2019 - Present

Working with the Architect team building tools and prototypes to advance technology across campus and internally.

Building gamification for learning API usage. Creating reusable components for standardization of campus web pages.

BYU OIT, *App Dev - Programmer*

November 2017 - December 2018

Agile full-stack development with the Global Education Initiative developing mylink.byu.edu. Writing server-side event handling, database operations, and other automation including unit-testing.

Using a framework with PHP and other web technologies (Javascript, JQuery, HTML, CSS) building an evolving system for campus-wide use.

Writing and configuring a team tool for automatic syntax checking, style linting, and unit testing on all commits to the Git repository.

Writing a process for automatically assigning students assessments based on events and web services.

BYU OIT, *Operations and Support - Student Supervisor*

October 2013 - November 2017

Student supervisor for an office of over 100 students. Handling high priority incidents on a variety of campus services.

Network and server monitoring and maintenance, including configuration, troubleshooting, and coordination with engineers.

Working with new employees. Creating training and technical documentation on new products for users and other support personnel.

SKILLS

- Leading and mentoring new employees
- Excellent soft skills for working with customers and coworkers
- Agile development, working closely with product owners
- Quick learner and driven to explore new technologies
- Motivated to pursue best practices
- Dedicated to producing high-quality code and designs
- Focused on maintainability

TECHNOLOGY EXPERIENCE

PHP, JavaScript, JQuery, CSS, HTML, SQL, APIs, Git: Over a year of production experience

Python, Java, C++, SVN, Vue.js, Networking, NodeJS, Unreal Engine, Perforce, Docker: Some production experience or extensive course work

C, C#, Lua, Unity: Small personal projects or limited course work.