Nathan Struhs

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EXPERIENCE

Software Developer
OSU Cascades - Bend, OR | April 2017 – Present

- Built Ecotone, a web and mobile application that enables users to identify and track native plant species on the OSU Cascades campus, using Ruby, Rails, Postgres, Heroku, Rspec, and Swift.

- Implemented complete test suite with 85% coverage.

- Collaborated with stakeholders using Basecamp.

Web Content Specialist
G5 Search Marketing - Bend, OR | April 2014 – December 2016

- Managed content and design of production web sites across multiple verticals with HTML5, CSS and in-house CMS.

- Communicated with project managers in an Agile/Scrum environment to meet weekly deadlines.

- Launched new customer web sites, configuring DNS and third-party integrations.

PROJECTS

OSU Cascades Clinic Client Intake System

- Built a database-backed web application to replace a paper-based filing system for intake of new counseling clients incorporating PHP, MySQL, HTML5, CSS, JavaScript, and JQuery.
- Communicated with client for requirements gathering to create a software specification including scenarios and use case analysis.
- Led a team of student developers in weekly sprints, iterative development, issue tracking and version control with git.

UNIX Shell

- Developed a simplified version of a UNIX shell capable of piping, file redirection, and all UNIX commands.
- Utilized UNIX system calls such as fork, exec, and wait.

EDUCATION

BS Computer Science
OSU Cascades - Bend, OR | 2016 – Present

- GPA: 3.92
- Expected graduation Spring 2019