

# DEREK HURLEY

SOFTWARE DEVELOPER

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## Experience **Idealist: Software Developer 2012-present**

Maintain and improve legacy Python-based job board through defect fixes to often business critical code. Screened and interviewed potential developers for Idealist, helping shape and improve the interview process along the way.

Update the staging and production websites with new business logic, database migrations, and features/enhancements. Organized and facilitated team process as Scrum Master for a strictly revenue stream focused team of developers.

Helped develop a prototype Single Page Application for users to connect with each other and share their intentions for action. Lead a team of three other developers and one designer focused on user communications and engagement by managing team process while reviewing code and guiding technical decisions with product in mind. This led to exploration of analytics, A/B testing, rewriting existing pages to be more mobile friendly, and documenting to share all of the team's learnings with the organization.

### **Portland State University: Senior Capstone Team Lead 2011-2012**

Built a web prototype using d3.js to visualize a graph of relationships from Twitter data. Managed a team of 5 other students through meetings and ticket tracking.

Implemented core pieces of Web UI for navigating and displaying graph.

Analyzed performance and memory risks during development.

### **Google Summer of Code Project: Buildbot User Objects 2011**

Added User Object tables to Buildbot's database via SQLAlchemy. Translated User Object information into email addresses for mail notifications.

Implemented a command-line tool to add and modify user attributes. Added support for User Object creation on changes from different VCS (Git, SVN, etc.).

### **Housing and Residence Life, Portland State University: Resident Assistant 2008-2012**

Enforced housing policies in residence halls.

Executed social and educational events involving campus resources.

For two years of employment, supervised a staff of 5 to 6 resident assistants.

Mediated interpersonal conflicts between residents and fellow staff.

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## Education **BS in Computer Science: Portland State University 2007-2012**

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### Skills

**Languages** Javascript, CSS, HTML, Python, Bash

**Libraries** ReactJS, BackboneJS, jQuery, Sass, PostCSS

**Databases** PostgreSQL, Redis  
**Tools/Utilities** Git, Vim, webpack

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### References Available upon request