Derek Hurley

Software Developer

dzhurley@gmail.com
https://github.com/dzhurley

Skills

- **Languages**: JavaScript, CSS, HTML, Python
- **Libraries/Frameworks**:
  - JavaScript: React, three.js, jQuery, jQuery UI, Mocha, Chai, Backbone
  - CSS: Sass, PostCSS
  - Python: werkzeug, SQLAlchemy, Genshi
- **Process**: Agile methodologies including Scrum and Kanban
- **Tools**: Git, Vim, webpack, Grunt

Experience

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

- Maintained and improved legacy Python-based job board through defect fixes to often business critical code.
- Worked with QA to update the staging and production websites, often involving database migrations and time-sensitive features.
- Helped develop a prototype Single Page Application for users to connect with each other and share their intentions for action.
- Organized and facilitated team process as Scrum Master for a strictly revenue stream focused team of developers.
- Screened and interviewed potential developers for Idealist, helping shape and improve the interview process along the way.
- Lead a team of three other developers and one designer focused on user communications and engagement:
  - Improved team process and communication with recurring retrospectives and open feedback loops.
  - Reviewed code and guided technical decisions based on scheduling, team expertise, and managing technical debt.
  - Experimented with new features through A/B testing, using analytics to guide next steps.
  - Rewrote existing pages to be more mobile friendly according to new designs.
  - Documented successes and challenges for broadcast with entire developer team.

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

- Built a web prototype to visualize a graph of relationships between Twitter mentions and retweets.
- Managed a team of five other students through regular meetings and ticket tracking.
- Implemented core pieces of user interface for navigating and displaying graph.
- Analyzed performance and memory risks during development.
- Provided conduit for frequent communication between teammates, professor, and capstone client.

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

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

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.

Education

Bachelors of Science in Computer Science: *Portland State University* **2007-2012**