

John Zeller

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Education **Oregon State University (OSU)** Corvallis, Oregon August 2015
 Bachelor of Science, Computer Science
Portland Community College Portland, Oregon June 2010
 Associate of Science, Business (International), Asian Studies Focus Award

Relevant Experience **Software Engineer** – Datadog – Integrations Team 7/15 – 2/17

Worked on the integrations team at Datadog, maintaining existing integrations, and building new ones, using mostly Python, with the occasional work in JavaScript. This included work on the Datadog Agent, as well as crawler and push based integrations. While on our cloud-based integrations team, I owned and built out our support for Google Cloud Platform, expanding our integrations of Google products from 2 to 15+. Throughout my time at Datadog, there was also various library work needed, including the building of our Jenkins plugin, written in Java.

Release Engineering Intern/Consultant – Mozilla 6/13 – 9/14

Developed existing REST APIs built on both Pylons and Flask using Python, Mako, Jinja, HTML, JavaScript and CSS. Designed and implemented various extensions such as the ability to trigger arbitrary build jobs, as well as displaying and reporting build/test progress status via JSON and human readable views. Automated development environment setup of Release Engineering apps using Vagrant and Docker. Contributed to several other areas, including design and implementation of Nagios scripts, Flot data visualizations, and diagnosing/finding solutions to various bugs.

Avionics Intern – SpaceX – Hardware Development Test Group 6/12 – 9/12

Developed on an off-the-shelf embedded development platform to create a platform framework that integrated in-house boards and allowed for interfacing with existing hardware to accomplish custom testing procedures. Designed and implemented an onboard Django-based server for controlling and reviewing tests in real-time. The majority of this work was done in Python, with smaller portions being completed in HTML and JavaScript.

Team/Software Leads – Oregon State Robotics Club – Mars Rover Team 6/11 – 6/13

Built a 6-wheeled mobile robotic platform with robotic arm for competing in the University Rover Challenge (URC). As Team Lead, managed weekly meetings, coordinated project leads (i.e. Mechanical, Electrical, Software, Science), organized tasks, deadlines and goals, mailing lists, secure sponsorship, coordinated public events and recruitment activities. Channel between Rover Team members, OSU, the Mars Society and OSU Robotics Club Executives. As Software Lead, managed software design process, deadlines, goals, and delegated tasks. Oversaw the proper implementation and maintenance of software and repositories. Established/used design review process for all projects.

Other Experience **Founder/Executive Director** – Space Advocates/Penny4NASA 3/12 – Present
Finance Coordinator – OSU – Human Services Resource Center 6/11 – 6/12
Student Senator – Associated Students of Portland Community College 10/09 – 6/10
Peer Mentor – TRIO Program (PCC) – Portland, Oregon 9/09 – 6/10
Shift Manager – Hollywood Video – Portland, Oregon 7/09 – 2/10
Supervisor/Inventory Manager – Jamba Juice – Portland, Oregon 7/09 – 7/09

Skills (Languages & Technologies)

| Most Proficient | | | Moderate | | | Acquainted With | | |
|-----------------|------------|-------|-----------|------------|---------|-----------------|-----------|---------|
| Python | JavaScript | Git | Java | Bash | SQL | Go | C++ | PHP |
| Flask | Pylons | Linux | HTML | CSS | AWS | MASM | Dynamo | Chef |
| Jenkins | | | Lambda | GCP | Docker | Puppet | RabbitMQ | jQuery |
| | | | Gitlab | Redis | Vagrant | Kubernetes | Buildbot | Ansible |
| | | | Django | PostgreSQL | MySQL | Nagios | Node.js | Grunt |
| | | | Mercurial | | | Travis | Memcached | Apache |