

# Kevin Klaes

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## Experience

### Rackspace

#### Senior Software Engineer (February 2017 - Present)

- **Technology:** Python, Javascript, React, Closure, Docker, Chef, Git, Jira
- Led cleanup efforts of legacy application code improving maintainability.
- Transitioned legacy application to modern infrastructure.
- Enhanced header application that integrated across multiple Rackspace products.
- Maintained legacy infrastructure while transitioning server configuration to Kubernetes/Docker.
- Improved code review process with formalized template and actively participated in code reviews.
- Actively participated in an Agile environment using Kanban to manage issues and track progress.

### Raytheon Foreground Security

#### Lead Software Engineer (October 2016 - February 2017), Senior Software Engineer (March 2015 - October 2016)

- **Technology:** Python, Django, Postgres, jQuery, Docker, Linux, Git, Jira
- Led design and development for new features within a distributed web-based application used to identify malicious activity on customer networks and manage investigations of incidents.
- Managed requirements from product owners and user group to provide accomplishable tasks to a distributed development team.
- Created new interfaces to integrate with external SIEM devices like McAfee ESM, Splunk, and Solera Bluecoat.
- Introduced pair coding efforts to reduce bottlenecks during pull requests, prevent new bugs, and reduce code review time.
- Formalized a code review process after introducing team code reviews to increase code quality.
- Rapidly developed prototype application with external team to aggregate corporate network data and detect malicious activity.
- Assisted scrum master with changes to software development process when transitioning to Agile and Kanban.

### FPX (Glider.com)

#### Software Engineer (June 2014 - March 2015)

- **Technology:** Python, Django, MySQL, Flight JS, RequireJS, jQuery, Bootstrap 2/3, Less, Chef, Jenkins, Codeship, Apache, nginx, Linux, Git, Jira
- Expanded existing Django application to incorporate new business requirements including placeable signatures in PDF documents and user group assignments for workflow tasks.
- Built a scalable and reusable front-end Javascript application utilizing Twitter Flight JS and RequireJS.
- Integrated contract management solution with other FPX other products and Salesforce platform.
- Improved automated testing to increase application consistency by introducing continuous integration tools.
- Assisted with project planning and direction relating to future feature releases, hardware migrations, and software upgrades.

### University of Minnesota: Twin Cities

#### Web Developer and Systems Administrator (March 2012 - July 2014)

- **Technology:** Python, Django, MySQL, Memcache, Bootstrap 2/3, jQuery, Puppet, Apache, nginx, Linux, Git, Shibboleth (SSO), Selenium, nose, unittest

- Maintained internal department applications based in Django and Python. Applications utilized HTML5 and Javascript/jQuery to enhance the user application and experience. Implemented REST API using Django Rest Framework to decouple front end and back end components of the application.
- Implemented test driven development for all new features and wrote tests with Selenium for legacy code after documenting the purpose and evaluating functionality.
- Self initiated efforts to improve undocumented code and increase compliance with best standard coding practices (PEP8, DRY, TDD).
- Secured web applications by introducing and working with application owners and users to define access controls to specific parts of their applications.
- Advised and worked with faculty to develop professional websites (primarily Math Insight), improve useability, and encourage software development best practices.
- Rebuilt department event application and integrated with Google Calendar to increase visibility to students and encourage subscriptions.

## **Volunteering**

### **Canine Companions for Independence**

#### **Volunteer Puppy Raiser**

- Raise a puppy from eight weeks until 1.5 years old while socializing and training the puppy to become a service dog. The dog learns specific commands and accompanies me in public.

### **Catalyst Adaptive Sports**

- Assist with a monthly rock climbing clinic for those with physical disabilities.

### **CoderDojoTC**

#### **Mentor**

- Taught students how to use Python to interact with a Minecraft world.
- Contributed Flask application to assist with creation and management of deployed instances for students during class.

## **Education**

### **Bachelor's of Science in Mathematics**

#### **University of Minnesota: Twin Cities (Spring 2013)**

- Coursework at the University of Minnesota focused on actuarial mathematics, intermediate economics courses, and cryptography.