

AUSTIN J. BURNETT

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OBJECTIVE To enable developers to quickly and confidently build web applications by employing continuous integration techniques.

EDUCATION **B.S. Computer Science**
May 2014
Math Minor, Leadership and Social Change Minor
College of Engineering, Virginia Tech, Blacksburg, Virginia

SKILLS

Languages	Technologies
• Python	• ELK Stack
• JavaScript	• Jenkins
• Bash	• Docker
• Ruby*	• Cassandra*
• Go*	• PostgreSQL*

*=experienced with, but not proficient

EXPERIENCE **Software Developer** May 2014 - Present
Rackspace Hosting, Blacksburg, VA

- Built an Identity Provider for SAML authentication for all Rackspace Control Panels to integrate with
- Created a shared header API for Rackspace Control Panels to avoid tight coupling among separate header implementations across control panels
- Responsible for building and monitoring application, logging, and integration infrastructure
- Involved in an on-call rotation for production infrastructure that requires knowledge of all nodes and how they interact with one another

Software Developer Intern May 2013 - May 2014
Rackspace Hosting, Blacksburg, VA

- Worked on the Cloud Control Panel Team to provide users with an intuitive interface for displaying all cloud offerings
- Used Google Closure and Knockout to provide a set of dynamic user interface widgets
- Used Jasmine for writing Javascript unit tests
- Imitated user interactions with Selenium Web Driver for acceptance testing

Software Engineering Intern May 2012 - August 2012
SPEC Innovations, Mannassas, VA

- Used Raphael represent data via scalable vector graphics
- Used many other Javascript libraries such as Backbone, jQuery and jQueryUI
- Helped build an HTML parser
- Used natural language processing in attempt of detecting grammatical and structural errors in sentence construction

PROJECTS **Developer Blog**, <https://austburn.me>
A collection of blog posts of my learnings that I find valuable. This blog was built mainly using Docker, PostgreSQL, nginx, and Python (Flask and SQLAlchemy).

NBA-JS, <https://github.com/austburn/nba-js>
A side project I've been working on that is essentially a port from a version I did in Python. Utilizes React and D3.js in order to render plots of NBA players and their shot percentage for any area on the court.

Michaelangelo, <https://www.npmjs.com/package/michaelangelo>
This project originated from my NBA-JS project. I felt that RaphaelJS, while powerful, was a bit difficult to use. This is a wrapper library that takes concepts from matplotlib, a Python graphics library that provides a more powerful API.