

Chris Cummings

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Team Lead Software Engineer, Dominion Energy, GIS Dept. Jun 2016 - Present

- Designed foundational application templates and tool chains on which the majority of department software is now built, resulting in consistent and familiar applications that are easier to adopt and maintain.
- Researched and championed standards with a focus on practicality and shipping code, creating a smoother development pipeline.
- Consolidated the use of programming languages, frameworks and coding styles to a focused set of technologies (predominantly Python, Flask, Bootstrap & jQuery) and standards appropriate for the work and team, easing both troubleshooting and future hiring.
- Mentored team of 8 engineers in development practices and professional development.

Director of Technology, US Patriot Tactical Apr 2013 - Jun 2016

- Designed and built company's mission critical ERP system on Rails 3, responsible for processing an average of \$1,137,023 in web orders a month, managing the inventory for 92,437 products, and integrating data between dozens of dissimilar vendor services related to marketing, shipping, fulfillment, and inventory.
- Developed backend JSON/ReST web services on Sinatra and client-side JavaScript to provide real time product data via AJAX calls.
- Implemented and mentored developers in numerous programming best practices including version control, unit tests and coding style guides the documenting of which greatly eased onboarding.

Lead Developer, US Patriot Tactical Mar 2011 - Apr 2013

- Automated an error-prone, 30-hour-a-week process comprised of aggregating vendor inventories with various inconsistent sources and formats.
- Managed integration projects and requirement discovery with vendor software and services.
- Collaborated with remote marketing team to better segment and sell to daily visitors.

Developer / GIS Analyst, SC Army National Guard Oct 2008 - Oct 2010

- Built workflows in Python to aggregate & error check disparate data sets generated by interns, field inspectors and US agencies such as the USGS, US Census and NOAA.
- Built HTML5 frontend applications to render and explore utilities infrastructure data to identify inefficiencies and reduce costs to Facilities Management budget.

Sonar Technician (E-5), US Navy Dec 2000 - Dec 2004

- Maintained electronic, mechanical, and hydraulic systems related to undersea warfare.
- Served as training coordinator for 16 and direct supervisor for 3 technicians.

Current tech stack: Python, JavaScript, Linux, Nginx, Unicorn, Flask, jQuery, Bootstrap.css, Grunt.js, SQL Alchemy, Alembic, MySQL, Redis, IIS, Cloud providers Linode & Rackspace

Education:

- AS, Biology - Tidewater Community College 2008
- Geographic Information Systems - University of South Carolina 2008 – 2010