

Nathaniel Compton

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Employment

March 2015 - Present • *Software Engineer, Florida DEO*

- API and Database developer for Florida's Department of Economic Opportunity, working to recognize, categorize, and prevent fraudulent claims of unemployment assistance benefits
- Create REST "microservices" using Go and Python to integrate third-party applications
- Implemented Cassandra CQL prepared statements, Solr queries, database migration scripts
- Collaborated on bug fixes and refactoring of legacy code
- Overhauled API test suite from 20% to 95%+ codebase coverage
- Ensured all code passed inspection via git version control and automated testing
- Daily interaction with business analysts and project managers providing technical advice
- Wrote tutorials and documentation for new hires, and helped in the on-boarding of employees through API and database training
- Allotted time daily for self-improvement through coding/programming training, one-on-one mentoring, and Q&A sessions with the senior team members
- Deployed code across multiple operating systems (Linux, OS X, Windows)

January 2009 - Present • *Owner, Compton Tech Solutions*

- Contractor services for companies looking to modernize their workplace technology
- Government consulting for tech-related policy on local and state level
- Increased sales at multiple firms through an overhaul of online presence and user experience
- Advised and implemented visual rebranding (logo, print, and web design)
- Coordinated company-wide hardware purchases and associated employee training

Education

Intermediate/Advanced Proficiency:

Python, Go, Flask, Django, CQL/SQL, Cassandra, Solr

Working Proficiency:

Javascript, HTML/CSS, SQLite, PostgreSQL

Related Professional Knowledge:

Git, Apache, Nginx, Adobe Creative Suite

Ongoing Training and Awards:

Apache Cassandra Developer certification (est. completion, Summer 2016)

Google Developer Training program

National Champion, American Forensics Association (Speech & Debate)

National Gold Medalist - Phi Rho Pi, Impromptu and Extemporaneous Speaking
(Programming portfolio via: www.github.com/nathanielcompton)