

Joseph Randall Hunt

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Work Experience

- **MongoDB** New York, NY
Developer Evangelist June 2012 – Present
 - Manage Continuous Integration (buildbot, jenkins, travis) across multiple platforms (FreeBSD, Windows, Linux, OSX).
 - Attended 30+ conferences and gave technical presentations on devops, mongodb, and python.
- **Fondu (formerly SpotOn)** New York, NY
Software Engineer May 2011 – Oct. 2011
 - During a [HackNY Fellowship](#) I designed and implemented a collaborative filtering recommendation engine in Python and C. Used SciPy, NumPy, and Weave to increase performance.
 - Wrote python scripts to automate deployment and logging of Amazon Web Services.
- **NASA Ames and Langley Research Centers**
Software Engineer May 2010 – May 2011
 - Created an KML Tour generator and editor (web interface) using django, python, SQL, and javascript.
 - Worked on several tools for mass properties evaluation which culminated in the design of a mass properties API.
 - Also worked with an 8 person team to design and perform a series of tests on a flotation concept. Project could save 2.5 million dollars if implemented. Findings were published to NASA's main web-page, AIAA newsletter, and several other notable websites.

Skills

Languages: c, java, python, javascript, ruby, Go, prolog, HTML/CSS, French, German

Systems/Tools: General DevOps, OS X, Linux (CentOS, Gentoo, Ubuntu), Chef, Puppet, Windows, MongoDB, vim, emacs, XCode

Honors/Awards/Presentations/Activities

- Won [HackNY Fall 2011 Hackathon](#)(out of 25 teams and 200 competitors)
- Several presentations at NASA and 30+ presentations at conferences
- IEEE Member, ACM Member
- [Open-Source Contributor](#)
- Active on [StackOverflow](#)
- Passionate about Robotics [1] [2]
- [Rubik's Cubes](#)

Education

- **Western Carolina University** Cullowhee, NC
Computer Science Aug. 2009 – May. 2012
 - Relevant courses: Data Structures, Software Engineering, Wireless Sensor Networks, Internet Security and Ethics, Computer Graphics, Calculus, Discrete Mathematics, Statistics, Computer Networking, Computer Organization
- **Punahou Academy** Honolulu, HI
High School 2005–2009