

Work Experience

Amazon Web Services

New York, NY and Los Angeles, CA

Sr. Technical Evangelist

July 2014 – July 2015, July 2016 – Present

- Globally in demand speaker. Created and presented 500+ workshops and technical sessions. Delivered around the world to large audiences. Content ranged from executive summaries to machine learning deep dives.
- Work with service teams to iterate on new products and act as a conduit for customer feedback.
- Published 150+ pieces of original technical content: press releases, [blog posts](#), workshops, demos. Content referenced in everything from Wall Street Journal to TechCrunch. Blog posts generated \$100M+ in revenue and continue to generate service uplift and revenue today.
- Present live coding content on [Twitch](#). Grew channel from 0 to 7m+ unique viewers.
- Helped develop customer advocates and heroes that allowed us to scale marketing efforts.

SpaceX

Los Angeles, CA

Flight Software Engineer and CI/CD Lead

July 2015 – July 2016

- Making humanity a multi-planetary species: ELK, C++, Python, Java, Ops, Mgmt., Etc.
- Worked on Flight Software, Ground/Launch Software, CI/CD, and **many** other tools.

MongoDB

New York, NY

Python Engineer

June 2012 – July 2014

- Managed continuous integration (buildbot, jenkins) across multiple platforms. Saved \$1.2mil annually with spot instances.
- Attended 50+ conferences and gave technical presentations on devops, mongodb, and python.
- Saw company grow from <50 people into 500+ people and scaled processes and tools to support rapid growth.

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.

NASA Ames and Langley Research Centers

Software Engineer

May 2010 – May 2011

- 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.

Skills and Accomplishments

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

Systems/Tools: General DevOps, AWS, Chef, Puppet, Postgres, MongoDB, vim

Open Source Projects: github.com/ranman

Education

- **Western Carolina University**
Computer Science

Cullowhee, NC
2012