

## 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. Presented 500+ workshops and technical sessions 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 100+ pieces of 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 4m+ unique viewers.
- Helped develop customer advocates and heroes that allowed us to scale marketing efforts.

### SpaceX Los Angeles, CA

*Flight Software Engineer 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](https://github.com/ranman)

## Education

- **Western Carolina University** Cullowhee, NC  
*Computer Science 2012*