

Nicholas Young

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Professional Experience

December 2015 - ?

Uptime Ventures, Ltd. — Founder, Engineer

Owner and operator of an engineering consultancy that delivers custom hardware and software solutions, ranging from IoT daemons on embedded platforms to cloud-scale Kubernetes deployments. Current goals include developing a robust networking stack in Rust.

June 2013 - December 2015

The Machine Broadcasting Network — Executive Producer

Frustrated with the cultural trends in radio, I founded The Machine; a fiercely independent and aggressively educational online broadcasting network. Accomplishments include: building a professional, digital studio; producing and engineering over 200 hours of original audio programming; debuting new music from artists such as Matt Wertz and Jars of Clay; and developing a real-time metrics engine to analyze listener data (in Node.js).

June 2010 - December 2015

Original Machine — Chief Creative Officer

Artistic consultant, documentarian, filmmaker, audio engineer, and digital strategist at Original Machine, a multidisciplinary production house/marketing agency for bands and small businesses. Additionally, mixed Colin Morris' debut album, and mastered projects for artists such as Brash Flair, Coppertunes, and The July.

January 2010 - June 2010

Mad Mimi — Full-stack Engineer

Feature implementation, deployment, and operations for a rapidly growing email marketing startup. Work included developing (and leading) open source strategy; backend development with Ruby on Rails, MySQL, Redis, and Postfix; frontend HTML/CSS/JavaScript; and DevOps.

August 2007 - January 2010

Independent Consultant

Freelance engineer and security consultant. Accomplishments include: guest lectures and substitute teaching at Nashville State Community College; serving on the organizing committee for BarCamp Nashville; and releasing open source PHP libraries (which led to the next position).

CORE SKILLS

- Public speaking
- Creative writing
- Linux/BASH
- Rust
- HTML/CSS
- JavaScript/Node.js
- Digital/Physical Accessibility
- PostgreSQL
- MongoDB
- Elixir/BEAM

INTERESTS

- Storytelling
- Amateur Radio
- Cycling
- Photography

HIGHLIGHTS

- Speaker at Nodevember 2014-2015 and ChicagoWebConf 2015
- Open source contributor to Rust, JavaScript, Elixir, and Ruby communities
- Organizer of Colorado Gold Rust
- Member of the Rust Network Services Working Group