

EXPERIENCE

SELF-EMPLOYED

Freelance web development, 2014

Worked with a number of local clients to design, build, and launch new websites.

PANJIVA

Full-stack engineer and tech lead, 2011-2014

As a lead developer, I worked on numerous design and engineering projects on the homepage, search, profile pages, subscription flows, and user dashboard.

Major projects included building an advanced shipment search interface with sophisticated refinements and filtering, building an interface to visualize a new source of Chinese trade data, and improving the conversion rates of our top landing pages.

On the engineering side, I helped introduce performance monitoring via NewRelic, acceptance testing, easier A/B testing, and established an effective code review process.

Ruby on Rails PostgreSQL Javascript

LOCKHEED MARTIN

Software engineer, 2010-2011

I developed major frontend improvements to an emergency preparedness training application built on Ruby on Rails, and built a prototype application that allowed playback of weather patterns over time based on public satellite data.

Ruby on Rails SQL Javascript

SKILLS

BACKEND

Ruby on Rails PostgreSQL Ruby Python Java C/C++

FRONTEND

Javascript jQuery HTML CSS / SASS Foundation

TOOLS

Linux vim git svn Photo shop

EDUCATION

CARNEGIE MELLON UNIVERSITY

B.S. in Computer Science, 2006-2009

Earned a 3.86/4.0 GPA and was on the Dean's list for 6 semesters.