Kurt S Nelson

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Experience

Big Nerd Ranch

Software Engineer & Instructor, August 2012 - Present

I have done both Ruby and Ruby on Rails backend and Android development for consulting clients varying from multi-nationals to one man startups. I also am the resident Google Glass and Wearable expert, and have experience with many internet-of-things projects. Additionally I have helped teach the Android Bootcamp for corporate clients and am highly knowledgable in the project process, from Pivotal Tracker to keeping your Git history sane.

Wearscript

Co-creator, July 2013 - Present

Wearscript is a rapid prototyping framework for the internet of things, centered around Google Glass. It is an open-source project that allows developers to write javascript that is then interpreted into native Android functions. I have co-hosted a Hackathon at MIT MediaLab, been invited to GoogleX developer events to present and teach, spoken at conferences, and I have random devices show up on my doorstep to integrate into the ecosystem.

Kelson Prime, LLC

Owner, 2005 - 2012

Kelson Prime has done full service IT, development and hosting for companies such as Orlando Attractions Magazine and TheDisneyBlog.com. In addition we have built website backends such as Georgia Tech's JacketPages. I dissolved the LLC when I started on consulting projects for Big Nerd Ranch.

Georgia Tech Research Institute

Signature Technology Lab Co-op, May 2011 – July 2012

In addition to holding a US Department of Defense Secret clearance, I supported both a Windows Domain and a Linux enterprise environment. I was responsible for a data center's day

to day operations and assisted users with support tickets.

Walt Disney Parks and Resorts

Industrial Engineering Intern, Fall 2010

I supported the Resorts and Downtown Disney team at the Walt Disney World Industrial Engineering department. In addition to a normal work week, I worked an average of 15 extra hours in the parks, mainly on Main Street at the Magic Kingdom performing Parade Audience Control.

Education

Georgia Institute of Technology

August 2009 to May 2014

Bachelor of Science in Computer Science with system architecture and information internetworks threads.

Winter Park High School

August 2005 - May 2009

International Baccalaureate Diploma

Skills

- Ruby, Java, Go, PHP, C, C++, HTML/CSS/JS and SQL.
- Ruby on Rails, database architecture (PostgresQL & MySQL), jQuery, RSpec & Webapp deployment
- Continous Integration, Jenkins, rspec, and cucumber.
- Android, Android Wear and Google Glass.
- Familiar with assembly and computer architecture.
- Web technologies such as SASS, Slim, JS and CoffeeScript.
- Consuming, building and securing RESTful APIs.
- Linux, Windows and OS X system administration including Puppet & Chef. Cloud infrastructure.
- Networking including running DNS, security, and iptables.
- Queueing theory, business administration, and industrial engineering experience.