# Daniel Finnie

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## TECHNICAL SKILLS

Programming – C++, (J)Ruby, PHP, Java, Intel 8085
System Administration – Linux, Apache, Drupal

Databases – SQLite, MySQL, Oracle 11g
Mobile development – Android, HTML5 web app

## EDUCATION

**Joint B.S. in Computer Science & Business from Lehigh University (3.7 GPA)** ............................December 2012

- Developed long-term mobility strategy for Fortune 500 medical products manufacturer as part of senior project
- Determined current IT leaders' levels of investment in utility computing through analysis of financial statements, government filings, and product offerings. Presented findings to project sponsor, a "stealth-mode" startup.

## TECHNICAL EXPERIENCE

**Full Stack Web Developer at Noise New York**................................................................November 2012 – present

- Implement browser-based video chatting and appointment scheduling, interface with third-party POS system for promotion that increased same-store sales by 25% over stores without promotion.
- Grow video library microsite to maintainable platform designed to easily support limited-time campaigns

**Backend Developer at Plum Analytics (contract)** ........................................................August 2012 – November 2012

- Harvest and crawl 20+ web APIs (REST, data dumps, and screen scraping) in a reliable and scalable manner. Merge similar records across data streams and transform data to fit internal schemas and classifications.

**Web Developer at University's International Multimedia Resource Center** .........January 2010 – November 2012

- Determine needs of web development clients, estimate cost and time to completion, delegate work amongst staff.
- Create web sites for University departments from scratch and using the Drupal content management system. Integrate sites with University systems to access user and course data using LDAP and custom integrations.

**Professional Services & Product Development intern at Antenna Software**........................Summers 2009 & 2010

- Designed, developed, and documented a cross-platform framework for custom client applications. Prototyped an internal web application that allows employees to view and update the high-level status of various projects.
- Brainstormed and prototyped novel yet practical mobile applications using cutting-edge HTML5 technologies

## BUSINESS & LEADERSHIP EXPERIENCE

**Financial Services CIO Advisory Intern at PwC (formerly PricewaterhouseCoopers)**........................ Summer 2012

- Selected vendors to develop consumer-facing tools (videos, calculators, etc.) for top 3 life and health insurance company. Developed RFP questions and RFP scoring process encompassing score collection and reporting.
- Conducted competitive analysis and uncovered industry analyst reports to determine competitive parity level and most effective tool presentation format. Explained results in high-level, quantitative presentation.

**Marketing & Communications Webmaster Intern at PwC in Prague, Czech Republic**.................. Summer 2011

- Independently developed graphical tool that integrates with content management system to find outdated links and branding. Tool was shared with 20 countries across Central and Eastern Europe.

## TECHNICAL PROJECTS

Experimental data analyses and interactive web experiences available online at danfinnie.com/projects

**NJ Transit Simulator**: Parsed and analyzed agency-provided data to visualize the instantaneous locations of vehicles on interactive map control.  http://danfinnie.com/stop_map

**"Lighting Console"**: Created software package that enables commodity hardware to control theatrical lighting instruments. Project involved hardware communication, threads, and command parsing.

**Google's Highly Open Participation Contest**: Wrote regular expression documentation and sample email program for the Python Software Foundation, receiving recognition and a monetary prize from the contest.