

# Andrew Mroczkowski

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## WORK EXPERIENCE

### **MindSnacks, Inc** (San Francisco, CA)

Co-founder & CTO, November 2010 - Present

- ▶ Shipped 10 educational iOS games for subjects including Spanish, French Japanese, Kids' Vocab and U.S. Geography.
- ▶ Recruited, hired and managed a 12+ person engineering team.
- ▶ Implemented a matrix organization structure to allow cross-functional teams consisting of artists, engineers, and educational content specialists.
- ▶ Was a core contributor to large iOS codebase.
- ▶ Created original back-end with Django and AWS.
- ▶ Built and maintained Jenkins continuous integration stack.
- ▶ Released several components as open-source.
- ▶ Key achievements:
  - \* Raised 6.5 million Series A Sequoia Capital
  - \* 5+ million downloads
  - \* #1 grossing developer of educational games in App Store in 2012
  - \* Had 4 Apps in the Top 25 Education category (grossing)
  - \* Selected as a 2011 Education App of the Year by Apple

### **Laan Labs** (Philadelphia, PA)

iOS Developer, May 2010 - November 2010

- ▶ Developed original iOS applications, including:
  - \* TapDJ
  - \* iMusicVideo

### **The Neat Company** (Philadelphia, PA)

Senior Software Engineer, June 2007 - May 2010

- ▶ Play a key role in developing The Neat Company's document organization products for the Mac.
- ▶ Shipped several major versions of NeatWorks (previously NeatReceipts) for Mac. - Worked on all parts of the application, including UI design, processing workflow, data persistence, custom views, scanner interfaces, and asynchronous task management.
- ▶ Implemented unit and functional testing suites, and maintained continuous integration system.
- ▶ Directly support customers, and managed several beta programs.
- ▶ Used Agile software development processes.
- ▶ Accolades:
  - \* NeatReceipts for Mac *awarded 4/5 mice* - Macworld.com, February 2009
  - \* NeatReceipts for Mac *"changed my life"* - NYT Columnist David Pogue, August 2009

### **Drakontas** (Glenside, PA)

Manager, Product Development, June 2005 - June 2007

- ▶ Developed robust, intuitive mobile applications intended for use by law enforcement and first responders in start-up environment.
- ▶ Designed and implemented networking software to provide reliable communication in disruptive wireless environments.
- ▶ Created complementary user interfaces for mobile and "command center" roles.
- ▶ Deployed a live system at Drexel University, and provided training and support.

## **Drexel University** (Philadelphia, PA)

Research Assistant, September 2002 - June 2005

- ▶ Functioned as a graduate-level research assistant on the Secure Wireless Agent Testbed project.
- ▶ Performed research in the areas of cryptographic key distribution, ad-hoc networking, and power efficiency. - Contributed to academic research papers. Ran experiments for measuring system performance and security. - Assisted with data analysis and interpretation.
- ▶ Lead on- and off- site demonstrations.
- ▶ Maintained and improved a Linux distribution for hand-held devices. Provided help, training and guidance for undergraduate students in the lab.

## **Additional Experience**

### **Philadelphia University** (Philadelphia, PA)

Adjunct Faculty, May 2010 - July 2010

- ▶ Taught "Intro to iPhones" Graduate-level course

### **Amerzing Industries** (Philadelphia, PA & San Francisco, CA)

Sole Proprietor, June 2010 - Present

- ▶ Mobile application development and consulting.

### **Wolfgang's Vault** (New York, NY)

Independent Consultant (remote), July 2008 - June 2010

- ▶ Worked with Wolfgang's Vault to build two applications, Concert Vault and Daytrotter which allow users to search, browse, and play music from their online catalog.
- ▶ Interfaced with existing web service APIs to implement authentication and navigation. - Built streaming audio playback system with CFNetwork and Core Audio.
- ▶ Operated with a high degree of independence.
- ▶ Accolades:
  - \* Concert Vault named *Best iPhone/iPod touch* application by Macworld.co.uk, June 2009

### **Drexel University** (Philadelphia, PA)

Adjunct Faculty, January 2008 - March 2008

- ▶ Taught "CS190: Java" introductory Java programming course.

## **EDUCATION**

### **Drexel University** (Philadelphia PA)

- ▶ B.S. in Computer Science, June 2002
- ▶ M.S. in Computer Science, June 2005

## **SKILLS**

Very experienced with iOS, Cocoa, Xcode, C, Mac OS X

Moderate experience with C++, Java, AWS, bash, Jenkins, Linux

Familiar with Android, Cocos2D, MOAI, Django, Ruby, HTML, CSS, JavaScript, MySQL, PostgreSQL, MongoDB, Redis

## **LINKS**

GitHub <https://github.com/amrox>

Stackoverflow <http://stackoverflow.com/users/4468/amrox>

Linked <https://www.linkedin.com/in/andymroczkowski>