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`