Andrew Pinkham

hello (at) jambonsw (dot) com
Boston, MA, USA

OBJECTIVE

I am drawn to cross disciplinary projects that enable me to use a wide variety of skills. My goal is to work on teams that design and build innovative products.

WORK EXPERIENCE

Languages

Python, C extensively; experience in HTML, CSS; familiar with Obj-C, Javascript, Haskell.

Consultant
JamBon Software
2009–Present

Freelance Consultant until 2015; Founded JamBon Software. Specializes in product development for web and mobile applications with emphasis on usability and security.

Author
Pearson
2014–2015
Published Nov. 2015

Django Unleashed is a textbook detailing the use of Django, the Python web framework. The book is designed to instruct the reader to build complex backend web applications with full understanding of theory and architecture by demonstrating the process on deployable real-world examples (django-unleashed.com).

Core Organizer
DEFNA
2015

Organizer for Django Event Foundation of North America (DEFNA). Found venue for DjangoCon US 2015. Collaborated on successful Twitter campaign. Served on proposal review committee. Liaison between submitters and reviewers for proposal feedback.

Speaker & Teacher
DjangoCon US
2013 & 2014

Delivered presentation in 2013 on the intricacies of using Django's Generic Class-Based Views (afrg.co/otwcbv). Gave tutorial based on *Django Unleashed* (above) and presented new features and upgrade to Django 1.7 in 2014 (afrg.co/updj17).

Founder
Startup
Fall 2011–Spring 2012

Formed a startup to design and develop a distributed data management platform with social networking implications. Brought in a co-partner and began preliminary development. Project abandoned because of potential patent conflicts.

Student Researcher
Dartmouth College
Winter 2011

Evaluated SELinux for usability and security policy. Collaborated on team with professors, graduate students, and Tuck Business students. Wrote internal document discussing policy implementation in SELinux with regard to system limitations.

Intern
Palm Inc.
Summer 2008

Part of Human Interface (UX) team alongside designers and programmers. Designed and ran tests on hardware and software, prototyped software.

Tutor and Assistant
Dartmouth College
2007–2009

Tutor and Teaching Assistant for French language. Taught at Peace Corps Reunion with John Rassias. Teaching Assistant for Computer Science Department in graphics and animation course with introduction of complex ideas to beginner students.

EDUCATION

Graduate Student
Dartmouth College
2010–2011

Accepted into the Master's Program. Graduate work in Computer Science with emphasis on systems. Completed two terms (of seven) before starting own business.

Bachelor of Arts
Dartmouth College
2005–2009

Majored in Computer Science modified with Digital Arts (Maya, Photoshop).

Other

Bilingual in English and French.

EXTRACURRICULAR ACTIVITIES

Layout Manager
2001–2009

Layout of newpapers, magazines and journals, as well as management of the printing process. Publications included "Aporia Philosophy Journal"; "The D."

Directorate Member
2006–2009

Attended Film Society meetings, helped with programming of film series and was responsible for written reviews of films.

Playwright
Winter 2008

"A Minute," selected as a finalist of 10-minute Play Festival and performed in Bentley Theater at Dartmouth College.

Interests

Swimming, Photography, Film, Theater (playwriting), Martial Arts.

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CONSULTING EXPERIENCE

2014	**Technical Consultant for International Non-Profit Organization** Advised a US-based non-profit organization on the best method to upgrade their internal toolset based on an older version of Django. Provided them with a understanding of their framework and the upgrade process, outlining the tasks necessary for their upgrade, creating a reasonable upgrade timeline and identifying key parts of their code to focus on. Reviewed a list of developer candidates capable of performing the upgrade.
2012 – 2013	**Technical Consultant for US Startups and Individuals** Independent advisor contacted by multiple startups in the mobile, web, and system markets. Helped define features for Minimum Viable Product and for future versions. Advised on the requirements for technical leads, and in some cases helped find software engineers for the available positions. Further contracted with artists, including photographers and painters, to build the client a website showcasing work and establishing a strong web presence.
Spring 2011	**Layout and Publishing Manager for Academic Journal** Consulted as a publishing specialist for a group of academics reviving a literature journal. Proceeded to help with general management and established the necessary steps to correctly and efficiently produce a journal. Evaluated multiple publishing companies and managed the publishing pipeline after designing the journal.
Summer 2010	**Technical Consultant at Privately Held Financial Services Institution** Advised a NYC-based financial services institution which had acquired (in bankruptcy) a medical services business with significant intellectual property-(IP) related data. This IP was resident on computers and servers at the medical service business's former headquarters and the financial firm needed to retrieve the computers (hardware and software) quickly and expeditiously. The financial institution's concerns were: i) how to properly retrieve the data; ii) how to better understand the potential alternatives of re-establishing computer set-up at a separate facility; and, iii) how to safeguard the data before transit. My role was to guide the business team on: understanding software and data security issues and asking the relevant questions to prospective third-party data security firms they were interviewing to enable the safekeeping of the acquired IP and other related data.
Spring 2010	**Web Designer for Community Service Organization** Hired to establish web presence of a non-profit community service organization based in Ann Arbor, MI. Created the brand and website of the organization, and advised on potential steps to expand knowledge of the existence of the organization via web advertising and social media.
Fall 2009 to Winter 2010	**Advisory Technical Director at Privately-Held Online Retailer** Stood in for the technical director for small online retailer going to market with several products which are now selling via their online store and Amazon. Provided advice and background information on advertising practices via social media. My responsibilities involved: i) assessing possible markets for growth opportunities; ii) assisting in establishing design content for those markets; and iii) evaluating web company candidates to build the company website. Other related responsibilities included: basic design of the company's website, appraising the brand of the company.