

Julian Applebaum

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Education

Wesleyan University *Middletown, CT* May 2013
Bachelor of Arts Candidate
Major: Computer Science
GPA: 3.50

Westfield Senior High School June 2009

Experience

Squarespace, Inc. *Software Engineering Intern*, SoHo, New York, NY Summer 2012
Working full stack on a content management service with tens of thousands of subscribers.
Using Java, MongoDB, and YUI3 to develop user-facing features for Squarespace 6.

Stemler Psychometric Lab *Lead Developer*, Wesleyan University Summer 2011 - Present
Developing a web app for building and administering Computer Adaptive Tests with multimedia based prompts. Working closely with an expert in psychological measurement.

FOSS Tutorial *Tutor*, Wesleyan University Fall 2011
Led group tutorial on FOSS development. Taught fundamentals of version control, relational databases, and web apps. Contributed a suite of unit tests to the Django Project.

Quantitative Analysis Center *Intern*, Wesleyan University Summer 2011
Developed prototype for a Computer Adaptive Testing web app. Took daily classes on statistical analysis. Presented a research poster to students and faculty.

Department of Math & Computer Science *Teaching Assistant, Computer Science I*, Wesleyan University Fall 2010
Graded lab assignments and ran weekly help sessions for a class of 29 students.

Multitouch Group Tutorial *Game Developer*, Wesleyan University Fall 2010
Worked with a small team to build an iOS strategy game using the Marmalade SDK.
Implemented 2D rendering, multi-agent AI/navigation, and game engine architecture.

HFOSS Summer Institute *Intern*, Wesleyan University Summer 2010
Worked in a team of two on Dasher, a GNOME Accessibility application. Implemented a training mode for new users and significantly optimized the event dispatch system.

Westfieldtrack.com *Lead Developer*, Westfield, NJ Winter 2009 - Present
Built a team website for Westfield High School's track and cross country programs. In heavy use by 400+ people since August 2009. Continue to provide maintenance and support.

A Train Productions, Inc. *Event Videographer*, Westfield, NJ Fall 2005 - Present
Performed multi-camera shoots for musical performances, theatrical events, and Bar/Bat Mitzvahs. Edited videos, designed motion graphics, and retouched photos.

Skills & Interests

Programming Languages: C, C++, Java, Javascript, ML, Objective C, PHP, Python
Technologies & Frameworks: Django, HTML/CSS, Git, Relational & Non-Relational DBs, SPSS, YUI
Research: Tor Network, Computer Adaptive Testing, Psychological Measurement
Graphics Software: Adobe Photoshop
Music: Electric Bass, playing for 8+ years

Athletics

Varsity Track and Cross Country Fall 2005 - Fall 2011
Wesleyan University: 3 varsity letters, NESCAC All Academic, All ECAC honors
Westfield High School: 8 varsity letters, tri-captain of 2008 cross country team