Andrew Jenkins

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Education

Tufts University, Medford MA
Bachelor of Science in Computer Science and Cognitive Science (graduating Spring 2014)
GPA 3.76

Experience

TurningArt,   **Summer 2013**
Web Development Intern

- Worked as a full-stack web developer at a startup company specializing in artwork rentals (Netflix for art).

- Used Ruby on Rails, HAML, Coffeescript, SASS, and PostreSQL to implement new features and fix bugs to improve the customer and admin-facing experience.

- Designed and implemented an integrated payment solution for paying artists through PayPal, developed a drag-and-drop interface for admins to create art galleries for clients, and created an extensible review process for artist profile updates.

Music App Design,   **Spring 2013**
Semester Project

- Worked in a small group developing an iPad app for music theory education.

- App features an integrated piano keyboard, draws played notes to a staff, and grades lessons.

- Also worked independently on an iPhone app that would alert you at your subway stop, using the accelerometer and a machine-learning algorithm (Summer 2012).

Tufts University (HCI Lab),   **Summer 2012 - Present**
Research Assistant / Honors Thesis

- Researching the possibility of creating a Brain-Computer Interface (BCI) that requires little or no calibration for potential use in commercial applications (Spring 2013 – Present).

- Programmed an unmanned-aerial vehicle (UAV) simulator program for a BCI experiment with real-time machine learning (Summer 2012).

Programming Skills

Web: Ruby on Rails, Node.js, Express, Bootstrap, HTML, CSS (SASS), JavaScript (Coffeescript), jQuery, and SQL.

Other Languages: Ruby, C++, C, Objective-C, Java, Matlab, Python, Scheme, Standard ML, and Smalltalk.

Revision Control: Git, Github, SVN

Software Programs: Xcode, Eclipse, Vim, Matlab, Weka (Machine-Learning), Microsoft Office, Photoshop.