

Jerry Wang

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Indie iOS developer seeking junior developer roles in app development

Skills

- Programming languages: Swift, Python, Java
- Frameworks: iOS
- Key technologies: UIKit, CoreGraphics, AudioKit, Github
- Development Tools: Xcode, Cocoapods, StackOverflow

Experience

Song Brush app for iOS (10.3 onward):

- Designed intuitive user interface to handle touch events, brush customization options and audio input from user's microphone and music library
- Optimized drawing instructions to CGContext at 60fps onscreen
- Utilized AudioKit framework to analyze audio data samples to extract amplitude and frequency of audio signal
- submitted app to App store, implemented and tested app thoroughly, complied with app store guidelines

Personal website: <https://jerrywang.herokuapp.com/>

- Implemented facial recognition via OpenCV, an open source facial recognition library, to detect faces and eyes in input images. The site is written using flask and python.

Mini-projects

Github: <http://github.com/notimeleft>

Unix command line implementation (java programming practice, multithreading)

BFS efficient maze solver (C programming practice, algorithms practice)

Education

Brandeis University, Waltham, MA

- Masters in Computer Science

February 2017

G.P.A 3.2

University of Connecticut, Storrs, CT

- Bachelors in History, Honors Scholar

May 2013

G.P.A 3.5

Past Employment

Student Lab Assistant at Yale University Department of Rheumatology

- Followed basic lab safety and procedural protocols to purify iGG proteins and run PCR, assisted Dr. Rituparna Das's data entry of her research from trials of Tuberculosis patients