

Jerry Wang

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Skills

- Programming languages: Swift, Python, Java
- Key technologies: UIKit, CoreGraphics, AudioKit, Github
- Development Tools: Xcode, Cocoapods, Slack, Stackoverflow

Experience

SongBrush: universal iOS app

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

Heroku FR: facial recognition web app

- Implemented facial recognition via OpenCV, an open source facial recognition library, to detect faces and eyes in input images
- Deployed application, written in flask (lightweight python web framework) to Heroku hosting service

Portfolio

- jerrywang.org
- github.com/notimeleft

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