

Wesley Wei

0918868661 ◇ wesleywei88@gmail.com ◇ GitHub: 946336
Hsinchu, KeXueYuan Road Lane 107 #8 5F-1

EXPERIENCE

Tufts University, Medford, MA

September 2015 - Present

Teaching Assistant - Department of Computer Science

- Developed strong communication and problem solving skills while rendering assistance to other students.
- Provided guidance to students regarding program architecture and core programming concepts.

NSRRC, Hsinchu, Taiwan

June 2016 - August 2016

Temporary Position

- Resolved technical debt in an existing image preprocessing PyQt application with the goal of easing future development.
- Added the capability to operate on a subset of available data, greatly speeding up processing of regions of interest within larger data sets.

NTHU, Hsinchu, Taiwan

June 2015 - November 2015

- Used MATLAB to automate analysis of data for an optical tweezers lab.

TECHNICAL STRENGTHS

Programming Languages Technologies & Tools

C/C++, Python, Bash/Shell, MATLAB, HTML/CSS/Javascript, Java
GNU/Linux, Git & GitHub, Vim, Qt, Android

EDUCATION

Tufts University, Medford, MA

Expected May 2018

Bachelor of Science, Computer Science

Bachelor of Science, Mathematics (Expected)

GPA 3.29/4.0

PROJECTS AND OTHER ACTIVITIES

Polyhack at Tufts

October 2016

Snap Assassin (Second Place)

Worked with a team to develop an Android game using a face-recognition API to identify players of the game

Implemented requests to the RESTful facial recognition API, and the interpretation of the results.

ID Hack at Tufts

March 2016

HandSPASMS (Qualcomm Award)

- Worked with a team to develop an Android application to enable doctors to easily remind patients of upcoming appointments via SMS

Diagnosed HTTP request handling errors in the application

Proofreading Academic Manuscripts

2010 - Present

Proofread various articles for researchers from NSRRC and NTHU