**Wesley Wei**

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**EXPERIENCE**

**Tufts University, Medford, MA** September 2015 - Present

*Teaching Assistant - Department of Computer Science*

*Turored students in computer lab??*

· Provided guidance to students regarding program architecture and core programming concepts.

· Developed strong communication and problem solving?? skills while rendering assistance to other students.

Rather good at getting ideas through to others??

**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. Shortened data processing time from 20 min to a few seconds per data point. All results from the same data set was grouped in a log file for further statistical analysis.

**TECHNICAL STRENGTHS**

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| --- | --- |
| **Programming Languages** C/C++, Python, Bash/Shell, MATLAB, HTML/CSS/Javascript, Java  **Technologies & Tools** GNU/Linux, Git & GitHub, Vim, Qt, Android  **EDUCATION** |  |
| **Tufts University, Medford, MA**  Bachelor of Science, Computer Science  Bachelor of Science, Mathematics (Expected) GPA 3.29/4.0  **PROJECTS AND OTHER ACTIVITIES** | Expected May 2018 |

[**Polyhack at Tufts**](http://2016.polyhack.tufts.io/) **Second Place** October 2016

*Team/project Snapsassin*

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**](https://idhack16.devpost.com/) **Award** March 2016

*Team/Project HandSPASMS*

· 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