

Wesley Wei

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EXPERIENCE

Tufts University, Medford, MA

September 2015 - Present

Teaching Assistant - Department of Computer Science

Tutored students in computer labs

- Developed strong communication skills while providing guidance to students regarding program architecture and core programming concepts.

NSRRC, Hsinchu, Taiwan

June 2016 - August 2016

Temporary Assistant

- 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

Temporary Assistant

- Used MATLAB to automate analysis of data for an optical tweezers lab, shortening data processing times from 20 minutes to a few seconds per data set.

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

COMPETITIONS

Polyhack at Tufts

October 2016

Team Snapsassin (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

Team 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

OTHER ACTIVITIES

Proofreading Academic Manuscripts

2010 - Present

Proofread various articles for researchers from NSRRC and NTHU