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, reducing data processing times from 20 minutes to a few seconds per data set.

TECHNICAL STRENGTHS

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   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