

David Tsui

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EDUCATION

University of Pittsburgh	Junior Year
Major	Computer Science
Major GPA	3.73
Cumulative GPA	3.52

EXPERIENCE

Software Engineer Internship, Bentley Systems; Pittsburgh, PA 2015 Summer
Worked on cross platform iOS and Android development with Bentley's ProjectWise mobile app. Helped to extend development on form entires and display functionalities within the app.

Optic Nerves Research, Ocular Biomechanics; Pittsburgh, PA 2015 Summer
Utilized open source platform fiji (ImageJ) to identify markings on optic nerves and developed scripts for repeatability of markings using Java and Matlab

Mobile App Prototype for Retailers, Personal Project 2012 2014
Worked with four students to develop an Android application that utilizes NFC to allow users to earn points in different Android applications with real world shopping from retailers. Application received 1st place for the Mobile Application from 1000 Pitches competition.

API Implementation Scripts, Personal Project 2014 Summer

Developed scripts with another student, which simulate human-like interaction in the game Runescape using the Tribot API. The scripts are implemented with Java.

SKILLS

Most comfortable with	Java, C
Exposed to	Git, Mercurial, Matlab, C++, Javascript, HTML, CSS

AWARDS

University of Pittsburgh Academic Scholarship — 2013 - Current
Dean's List — Fall 2013, Spring 2015

VOLUNTEERING

Lion Dance/Chinese Yo-Yo Teacher's Assistant, Tzu-Chi Chinese School 2013 - Current
Instructs and coordinates students on a weekly basis on various lion dance and Chinese Yo-Yo skills and routines