

Sheung Him Jason Tang

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EDUCATION

University of Pennsylvania, Philadelphia, PA
Candidate for Master of Science in Engineering in May 2018

- Computer and Information Science

Dual degree candidate in May 2018

- School of Engineering & Applied Science
Bachelor of Science in Engineering. Major: Computer Science
Major GPA: 3.48/4.00 (9.5 courses)
- School of Arts & Sciences
Bachelor of Arts. Major: Economics
Major GPA: 3.67/4.00 (3 courses)

Cumulative GPA: 3.47/4.0

PROJECTS

PennApps Fall 2016 Hackathon: Made a hardware device with Arduino and Raspberry Pi to turn one stream of Bluetooth signal into two

PennApps Spring 2016 Hackathon: Made an Android application that utilizes voice recognition and facial recognition to add notes onto specific person on the phone

PennApps Fall 2015 Hackathon: Made an Android application that uses a camera to identify and solve Rubik's cubes; team coded image recognition

PennApps Spring 2015 Hackathon: Made an Android 2-D game that interacts with motion sensor. Implemented the framing of the game

COMPUTER SKILLS

Languages: Java, Android, C, HTML/CSS/JS/PHP, Assembly, XML, R, \LaTeX

Algorithms and Coursework: Data Structures, Complexity, Relational Algebra and Query Optimization (Master level), Computer Architecture

Database Systems: SQL, NoSQL (MongoDB), Amazon AWS, XPath, XQuery

Applications: Android Studio, Eclipse, Git, VirtualBox, MySQL, RStudio, IntelliJ

Operating Systems: Windows, Android, Unix, Linux

WORK EXPERIENCE

Co-Director PennLabs
December 2015- present Philadelphia, PA

Lead a team of software engineering students in building applications for general student body

Software Engineer- Android since April 2015

One of the key developers for PennMobile, an Android application

Contributions include live bus routes, map, and laundry notifications

Android Intern Analytical Flavor Systems
May-July 2016 State College, PA

Implemented a new greedy syncing algorithm to support multi-device and offline data entries

Project Management Intern JDB Holdings
June-August 2014 Hong Kong

Assisted in project management and coded for Android platform, including constructing expandable list views and customizing text views

Android Software Intern Qualcomm Innovations (Asia) Ltd.
July-August 2013 Hong Kong

Assisted in Android coding and participating in User Acceptance Test onsite for a restaurant chain under the Jardines Matheson Group

LEADERSHIP

President, Asian Music Society August 2015 - present

Secretary and Executive Member, Alpha Delta Phi Society December 2015 - present

