

Sheung Him Jason Tang

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<https://jasontsh.github.io>

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 and Information 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 Spring 2016 Hackathon: Made an Android application that utilizes voice recognition and facial recognition to add notes onto specific person on the phone.
Github: <https://github.com/jasontsh/Reco>

Pennapps Fall 2015 Hackathon: Made an Android application that uses a camera to identify and solve Rubik's cubes. Team coded image recognition.
Github: <https://github.com/jasontsh/Rubiksolver>

Pennapps Spring 2015 Hackathon: Made an Android 2-D game that interacts with motion sensor. Implemented the framing of the game.
Github: <https://github.com/jasontsh/BulletHole>

Analyzed data from Riot API using Java and R.
Github: <https://github.com/jasontsh/LeagueMatchAnalysis>

COMPUTER SKILLS

Languages: Java, Android, C, 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

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.

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.

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.

LEADERSHIP

President, Asian Music Society August 2015- present
Scribe and Executive Member, Alpha Delta Phi Society December 2015- present