Thomas Yu

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EDUCATION

University of Illinois at Urbana Champaign   *BS in Computer Science 2019: James Scholar*

- **CS173 -** Discrete Structures
- **CS225 -** Data Structures
- **CS196** - Honors
- **CS361** - Probability in CS

CS EXPERIENCE

Skills:

Android Development, Java, Python, C++, iOS Development, Swift, Javascript, HTML/CSS, R

HackIllinois Official Mobile App [Winter 2015 - Present]

- Lead developer for the HackIllinois 2016 Android app, also helped with the iOS app
- App features a scavenger hunt that participants will complete for prizes

Fantasy Football Projector [Fall 2015]

- Python app that predicts how well fantasy football players will do based on Twitter responses
- Utilizes Twitter API, Alchemy API (NLP Library), and D3.js visualization

BearTracks [Summer 2015 - Present]

- Team Management App for Robotics Team (Developed both Android and iOS apps)
- Mimics the functionality of Google Calendar, Team Snap, and Signup Genius

Fontster [Spring 2015 - Present]

- Collaborator: Android App that allows users to switch the default theme on their phones
- Has grossed over 130,000 downloads on the Google Play Store

EXTRA-CURRICULAR

Association for Computing Machinery (ACM) [Fall 2015 - Present]

- SIGIR- Information Retrieval interest group
- SIGCHI (Lead Mobile Developer) – Interactive computing systems for human use
- HackIllinois – UIUC's Annual Hackathon

FRC Robotics Team (Team 766) [2012-2015]

- 2015 President: In charge of decision making, planning process, and team communication
- 2015 Co-lead of electronics team: Helped design schematic of the robot's electronic components
- 2014 Co-lead of CAD team: Helped design the 2014 robot that won the Sacramento Regional

WORK HISTORY

Wizbots   *Summer Assistant 2015*

- *Taught Kids how to program LEGO NXTs and build complex structures*