

Thomas J. Yu

COMPUTER SCIENCE STUDENT

Menlo Park, California

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Education

University of Illinois

Urbana, Illinois

B.S. IN COMPUTER SCIENCE | DEANS LIST | JAMES SCHOLAR

2019

- GPA: **3.88**
- Classes: Algorithms and Models of Computation, Systems Programming, Discrete Structures, Data Structures, Computer Architecture, Artificial Intelligence, Applied Machine Learning, Virtual Reality
- Languages: Java, Python, Javascript, C, C++, R, Golang
- Technologies: Apache Spark, Flask, Express, Django, Numpy

Experience

Airbnb

San Francisco, CA

INCOMING SOFTWARE ENGINEERING INTERN

May 2018 - Aug 2018

- Will be joining Airbnb as a SWE Intern for Summer 2018

Facebook

Menlo Park, CA

INCOMING SOFTWARE ENGINEERING INTERN

Aug 2018 - Nov 2018

- Will be joining Facebook as a SWE Intern for Fall 2018

Uber

San Francisco, CA

SOFTWARE ENGINEERING INTERN

May 2017 - Aug 2017

- Software Engineering Intern on the Risk Core Platform team
- Developed a framework to help teams on the Risk and Safety teams reduce costs by 82% and compute time by 86% when querying for large amounts of aggregate data
- Built in Java using Apache Spark, Presto, Hive

Leadership

ACM Illinois Chapter

Urbana, Illinois

CHAIR

Mar 2017 - PRESENT

- Chair for the largest branch of Association for Computing Machinery in the Nation
- In charge of maintaining and growing the ACM brand at UIUC, providing resources for students to learn/grow, and running events with the CS Department.

CS 374 Algorithms and Models of Computation

Urbana, Illinois

COURSE ASSISTANT

Aug 2017 - Present

- Assistant during discussion sections, answering student questions and teaching various topics. Also in charge of grading homework

HackIllinois

Urbana, Illinois

API DEVELOPER

Oct 2015 - February 2017

- Helped write the open source backend that powered HackIllinois 2017. Implemented applicant decision logic, password reset function, ecosystem routes, project routes, and helped out on the Android and iOS apps

Projects

Fantasy Football Projector

Oct 2015 - Jun 2016

SOLO PROJECT

- Python app that helps base how well fantasy football players would do in a given week based on Twitter sentiment. Built using Flask, SQLAlchemy(Sentiment analysis), and Twitter API
- Wrote a custom scaling function that would help adjust the accuracy of the result