Jiaqi Gao

soup@uchicago.edu

github.com/JiaqiGao
linkedin.com/in/jiaqigao1
jiaqigao.xyz

Education

The University of Chicago
Expected June 2021

BS in Computer Science & BA in Public Policy, Odyssey Scholar (with Full Scholarship), Dean's List
Relevant Coursework: Honors Intro CS (**Haskell, C**), Systems, Data Visualization (**D3, React**)

Stuyvesant High School
Class of 2017

Relevant Coursework: AP Computer Science (**Java, Algorithms, Data Structures**), Software Development
(**Python, SQL, Web Development**)

Experience

Electronic Arts (EA)

Cloud Software Engineer Intern | *Seattle, WA*
June 2019 – Sept 2019
- Develop utilization metrics for containerized services to display wasteful allocation of resources (CPU, storage, instances) in **Golang** using **Prometheus**, **Kubernetes**, and **Grafana** for dashboard visualizations
- Design topology for scraping internal data and handling hundreds of unique access credentials securely

Pathfinder Software Engineer Intern | *Redwood City, CA*
June 2018 – Sept 2018
- Built interactive 2D and 3D visualizations of EA's player network in **D3** and **Three** in **React with Typescript**
- Wrote **Python** scripts to condense big data into smaller representative datasets for quickly renderable visualizations

Morgan Stanley

Information Analyst Summer Intern | *New York, NY*
June 2017 – Aug 2017
- Refactored **user interface** of an in-house configuration management system to **Angular** with the front-end team

Davidson Kempner Capital Management

Cross Functional Technology Intern | *New York, NY*
Nov 2016 – July 2017
- Designed and built **iOS mobile app** for internal employee use in **Angular** with **Ionic Framework**
- Built **Node.js** server to send silent APNs that would seamlessly update app data

Projects

Chicago Department of Public Health (CDPH) Reporting App

Project Manager + Technical Lead
- Interviewed and assembled 5-person developer team and 3-person design team, then taught lessons twice a week on building mobile apps with **React Native**
- Planned and executed 10-week timeline for building React Native app to improve the CDPH's report system for critical and contagious disease to be used by Chicago health providers
- Iterated through many UI/UX designs after each meeting with our client, the Chicago Chief Medical Officer

psihpbp.org, Phoenix Sustainability Initiative (PSI)

Webmaster of Hyde Park Business Partnership (subdivsion of PSI)
- Provide pro bono consultation to local cafés on becoming environmentally sustainable by crafting individual strategy proposals and partnerships with local composting companies
- Developed a mobile-friendly website (**HTML, SASS, Javascript**)

Pavan

CTO
- Led the technological development of student startup combating air pollution through education, monitoring, and air pollution solutions
- Built web application in **Python Flask** with real-time data reporting and visualization of air quality in user's location
- Placed 3rd in *College New Venture Challenge (CNVC) 2018* and *Cleantech University Prize Finalist 2018*