

Jiaqi Gao

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<https://www.jiaqigao.com/>

EDUCATION

The University of Chicago – Chicago, IL

Expected Class of 2021

Odyssey Scholar with full scholarship, Intended Computer Science Major, Relevant Courses: Honors Intro to CS I (Haskell) and II (C)

Stuyvesant High School – New York, NY

Class of 2017

Advanced Regents Diploma, GPA: 3.82/4.00, Relevant Courses: AP Computer Science, Software Development

EXPERIENCE

Electronic Arts (EA) – Redwood City, CA

Pathfinders Software Engineer Intern

June 2018 – September 2018

- Building interactive visualizations of the player network; using D3 and Three in Typescript with React
- Created Python scripts to generate large datasets to model big data reduction of real, global raw player data containing millions of nodes

Morgan Stanley – New York, NY

Information Analyst Summer Intern

July 2017 – August 2017

- Refactored the UI of a distributed framework for enterprise configuration management from AngularJS to Angular (Angular 2)
- Collaborated with team members through scrum calls, weekly meetings, and frequent code reviews to write cleaner, scalable code

Davidson Kempner Capital Management LLC – New York, NY

Cross Functional Technology Intern

November 2016 – July 2017

- Designed and developed an emergency procedures iOS mobile application built in Ionic (Ionic 2) framework
- Integrated APNs to the mobile app and built a Node.js server for sending silent push notifications to seamlessly update app data

EXTRACURRICULAR

Pavan pavan-india.com, Third in [College New Venture Challenge \(CNVC\) 2018](#), [Finalist for Cleantech University Prize](#) – Chicago, IL

Chief Tech Officer

January 2018 – June 2018

- Startup about fighting air pollution in India by providing education, monitoring, and solutions with a web and mobile app platform
- Built a prototype web application using real-time data reporting and data visualization of air quality in user's location and pitched in front of investors/startup competition judges

Institute of Politics (IoP), TechTeam uchicagotechteam.com – Chicago, IL

Project Leader

September 2017 – Current

- Led the design and development of a mobile app that would improve the Chicago Department of Public Health's report system for critical and contagious diseases; planned an 8-week timeline to build the app, which is currently completed and going through alpha testing at the CDPH
- Taught weekly lessons to a five-developer team on building mobile applications with the Ionic framework for the CDPH project
- Past work included building data visualizations using D3.js for the Chicago Justice Project (CJP), an independent non-profit research organization, to analyze data from criminal justice agencies to promote evidence-based reforms

Phoenix Sustainability Initiative (PSI) psihpbp.org – Chicago, IL

Webmaster of Hyde Park Business Partnership (subdivision of PSI, a Recognized Student Organization)

September 2017 – Current

- Provide pro bono consultation to local cafés on becoming environmentally sustainable with individualized strategic proposals and partnerships
- Designed and built the website with Bootstrap

Girls Who Code Summer Immersion Program @Twitter – New York, NY

Participant

July 2015 – August 2015

AWARDS

JPMorgan Chase & Co. Youth Tech Challenge 2016 – New York, NY

October 2016

Awarded first place for non-profit app design

NCWIT Award for Aspirations in Computing – New York, NY

December 2015

National Runner-Up Award and Winner for New York: New York City Area

SKILLS & ABILITIES

Software/ Software Tools

Proficient: XCode | Git | Visual Studio | Microsoft Office

Familiar: AWS | Adobe Photoshop & Illustrator | AutoCAD 2015

Programming Languages/ Frameworks

Proficient: Python | Typescript, React, Angular, D3, Three | Haskell | C | HTML, SASS

Familiar: Java

Languages

Fluent/Native: English | Mandarin