

Jiaqi Gao

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EDUCATION

The University of Chicago – Chicago, IL

Expected Class of 2021

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

Stuyvesant High School – New York, NY

Class of 2017

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

AWARDS

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

October 2016

Awarded first place for non-profit app design

“Dream it. Code it. Win it.” Contest – New York, NY

April 2016

2016 High School Award Winner

NCWIT Award for Aspirations in Computing – New York, NY

December 2015

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

EXPERIENCE

Electronic Arts (EA) – Redwood City, CA

Pathfinders Software Engineer Intern

June 2018 – September 2018

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 2
- Collaborated with other team members through weekly meetings and frequent code reviews to optimize and 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 2 framework
- Integrated APNs to the mobile app and built a Node.js server for sending silent push notifications to easily update app data

EXTRACURRICULAR

Pavan pavan-india.com, Semifinalist in *College New Venture Challenge (CNVC)* 2018 – Chicago, IL

Chief Technology Officer

January 2018 – Current

- Startup about fighting air pollution in India by providing education, monitoring, and solutions with a web and mobile app platform
- Partnering with research groups (UrbanEmissions, CPCB Real-Time Data) and anti-pollution equipment suppliers (AMFG Sensors, SmartAir)
- Currently designing and building the web application with real-time data reporting and data visualization of air quality in user's location

Phoenix Sustainability Initiative psihppb.org – Chicago, IL

Webmaster of Hyde Park Business Partnership

September 2017 – Current

- Provide pro bono consultation to local cafés on becoming more environmentally sustainable with individualized strategic proposals
- Designed and built the website, psihppb.org, with Bootstrap 4.0

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

Team Member

September 2017 – Current

- Build 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
- Current project involves raising awareness of sexual violence and correcting its misrepresentation on mainstream news media (due to disproportionate coverage on crimes fitting stereotypical profiles) with interactive visuals using data collected by the CJP

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

Participant

July 2015 – August 2015

- Completed the extensive seven-week Girls Who Code Summer Immersion Program with a robotics, animations, and hardware curriculum
- Invented Murmur, a headphone accessory constructed with Arduino, for the prevention of hearing damage from headphone misuse

SKILLS & ABILITIES

Software/ Software Tools

Proficient: XCode | Git | Visual Studio | Microsoft Office

Familiar: Adobe Photoshop & Illustrator | AutoCAD 2015

Programming Languages/ Frameworks

Proficient: Python | Java | JavaScript, Angular2, D3 | HTML/CSS/SASS | Haskell | C

Languages

Fluent/Native: English | Mandarin