

# 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 Intro to CS II (C)*  
**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 June 2018 – September 2018  
*Pathfinders Software Engineer Intern*  
**Morgan Stanley** – New York, NY July 2017 – August 2017  
*Information Analyst Summer Intern*

- 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 November 2016 – July 2017  
*Cross Functional Technology Intern*

- 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](http://pavan-india.com), Placed Third in *College New Venture Challenge* 2018 – Chicago, IL January 2018 – Current  
*Chief Technology Officer*

- Startup about fighting air pollution in India with awarded \$3000 in grants from the College New Venture Challenge 2018
- 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** [psihpbp.org](http://psihpbp.org) – Chicago, IL September 2017 – Current  
*Webmaster of Hyde Park Business Partnership*

- Provide pro bono consultation to local cafés on becoming more environmentally sustainable with individualized strategic proposals
- Designed and built the website, [psihpbp.org](http://psihpbp.org), with Bootstrap 4.0

**Institute of Politics (IoP), TechTeam** [uchicagotechteam.com](http://uchicagotechteam.com) – Chicago, IL September 2017 – Current  
*Team Member*

- 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 July 2015 – August 2015  
*Participant*

- 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