Jiaqi Gao

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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