5500 S. University Ave.,
Chicago, IL 60637

Jiaqi Gao

jgao12@uchicago.edu
github.com/JiaqiGao/
linkedin.com/in/jiaqigao1/
jiaqigao.com

Education

University of Chicago   Expected Class of 2021
Odyssey Scholar (with Full Scholarship), Intended Computer Science Major
Relevant Courses: Honors Intro to CS I (Haskell) and II (C), Systems

Stuyvesant High School   Class of 2017
Advanced Regents Diploma

Skills

Proficient: Python, C, Haskell, Javascript (React, Angular, D3, Three), HTML, SASS (CSS)
Familiar   : Java, Xcode, Adobe Photoshop, AutoCAD

Experience

Electronic Arts (EA)   Jun 2018 – Sep 2018
Pathfinder Software Engineer Intern
   – Built interactive 2D and 3D visualizations of EA's player network in **D3** and **Three** in **React with Typescript**
   – Wrote **Python** scripts to reduce big data into smaller representative datasets for quickly renderable visualizations

Morgan Stanley   Jun 2017 – Aug 2017
Information Analyst Summer Intern
   – Rewrote the **UI** of an in-house information configuration management system from AngularJS to **Angular**
   – Collaborated with team members across the world for style consistency and frequent code reviews

Davidson Kempner Capital Management LLC
Cross Functional Technology Intern   Nov 2016 – Jul 2017
   – Designed and built an iOS **mobile app** for internal employee use in **Ionic framework**
   – Integrated **APNs** and built a **Node.js** server to send silent push notifications to seamlessly update app data

Projects

Pavan, pavan-india.com   Jan 2018 – Jun 2018
CTO/Technology Lead
- Third in College New Venture Challenge (CNVC)   - 2018 Finalist for Cleantech University Prize
   – Startup about combating air pollution in India by providing education, monitoring, and solutions
   – Built the prototype web application in **Python Flask** using real-time data reporting (from open source data) and
      data visualization of air quality in user's location

CDPH Disease Reporting App   *Sep 2017 – Current*
Project Leader *of Institute of Politics (IoP), TechTeam [uchicagotechteam.com]*
   – 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; v.1.0 is completed and going through alpha testing at the CDPH
   – Delivered weekly lessons to a five developer team on building mobile applications with Ionic

psihpbp.org, Phoenix Sustainability Initiative (PSI)   Sep 2017 – Current
Webmaster of Hyde Park Business Partnership (subdivision of PSI)
   – Provide pro bono consultation to local cafés on becoming environmentally sustainable with individualized
      strategic proposals and partnerships
   – Designed and built the website with Bootstrap and SASS

Awards

JPMorgan Chase & Co. Youth Tech Challenge 2016   Oct 2016
   Awarded first place for non-profit app design

NCWIT Award for Aspirations in Computing   Dec 2015
   National Runner-Up Award and Winner for New York: New York City Area