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Jiaqi Gao

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Education

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

Expected Class of 2021

Stuyvesant High School
Advanced Regents Diploma

Class of 2017

Skills

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

Experience

Electronic Arts (EA)
Pathfinder Software Engineer Intern

Jun 2018 – Sep 2018

– 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
Information Analyst Summer Intern

Jun 2017 – Aug 2017

– 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
CTO/Technology Lead
- Third in College New Venture Challenge (CNVC)   - 2018 Finalist for Cleantech University Prize

Jan 2018 – Jun 2018

– 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
Project Leader *of Institute of Politics (IoP), TechTeam [uchicagotechteam.com]*

Sep 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; 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)
Webmaster of Hyde Park Business Partnership (subdivision of PSI)

Sep 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 and SASS

Awards

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

Oct 2016

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

Dec 2015