Jiaqi Gao

jiaqigao12@gmail.com

github.com/JiaqiGao
linkedin.com/in/jiaqigao1
jiaqigao.com

Education

The University of Chicago   **Expected June 2021**
BS in Computer Science & BA in Public Policy, Odyssey Scholar
Relevant Coursework: Honors Intro CS (Haskell), Systems, Discrete Math, Algorithms, Machine Learning, Data Visualization, Networks, Advanced Networks, Cryptography, Data Science

Stuyvesant High School   *Class of 2017*

Work Experience

VMware
Associate Product Manager Intern | *Palo Alto, CA*   *June 2020 – Sept 2020*
- Refine scope and completion criteria with stakeholders, UI team, engineering to ship browser-side device detection in Workspace ONE Access 2020 Q3 after identifying security concern in current method of Apple device detection
- Analyze 300+ escalations tickets and interview customers and sales engineers to form 11 data-driven recommendations in process and product areas to reduce escalations and execute them, predicted to decrease escalations by 10-20%

Electronic Arts (EA)
Cloud Software Engineer Intern | *Seattle, WA*   *June 2019 – Sept 2019*
- Developed cost metric pipeline for cloud services utilization to identify, evaluate, and advise on wasteful allocation of resources (e.g. CPU, storage, instances) in Golang using Kubernetes, Prometheus, Cortex, and Grafana
- Deployed visualization tool saving thousands of dollars daily by reducing unused cloud services from third-parties

Pathfinder Software Engineer Intern | *Redwood City, CA*   *June 2018 – Sept 2018*
- Built interactive 2D and 3D visualizations of EA's player network in D3 and Three in React with Typescript
- Wrote Python scripts to condense 300 million+ data points into representative datasets for fast rendering visualizations

Morgan Stanley
Summer Technology Analyst | *New York, NY*   *June 2017 – Aug 2017*
- Refactored the UI of an enterprise framework for configuration management to Angular, conducted code reviews with team

Leadership Activities

UChicago TechTeam, uchicagotechteam.com   *Jan 2019 – Current*
Co-Chair, Project Leader for Mutual Aid App and Chicago Department of Public Health Reporting App | *Chicago, IL*
- Lead leadership team of 13 students in a 70+ student organization dedicated to building digital tools for community organizations effecting social change and teaching coding to students from non-STEM majors
- Acted as project leader (PM+Tech Lead role) for several projects that required interviewing non-technical clients to understand problem scope, designing a feasible technological solution, then driving a 4-7 student team to complete development of the product within 1-2 school quarters

psihpbp.org, Phoenix Sustainability Initiative (PSI)   *Sep 2018 – Jun 2020*
Project Leader, Webmaster - Hyde Park Business Partnership (subdivsion of PSI) | *Chicago, IL*
- Work directly with clients to provide pro bono consultation on environmental sustainability by writing individualized strategy proposals based on their budget and branding, then connect clients to form partnerships with local composting companies (ongoing clients: True North Café, Medici on 57th, Sanctuary Café)

Pavan   *Nov 2017 – Mar 2018*
CTO, 3rd in *College New Venture Challenge (CNVC) 2018, Cleantech University Prize Finalist 2018* **|** *Chicago, IL*
- Led technological development of student startup combating air pollution; built MVP in **Python Flask** with real-time data reporting from AQICN API and visualization of air quality in user's location

Skills

Programming: Python, Go, Javascript (React, React Native, Typescript, Angular, D3, Three.js), C, C++, Java, Haskell, Docker, Kubernetes
Data Analysis: R, Stata, Python (NumPy, SciPy) | **Design:** Adobe Photoshop, AutoCAD