GEORGE HE

ghe@jd22.law.harvard.edu ● (408) 731-0123

EDUCATION

Harvard Law School, *Cambridge, MA*   May 2024
J.D. Candidate (on leave 2020 – 2022)
Activities: *Harvard Journal of Law & Technology*, Citation Manager, Tech Editor
                    Harvard Law Entrepreneurship Project, Director of Business Development
                    Asian Pacific American Law Students Association, Alumni Committee
                    Harvard Dragon Boat

Stanford University, *Stanford, CA*   Jun. 2019
M.S. in Computer Science – *AI Concentration*

University of California, Berkeley, *Berkeley, CA*   Dec. 2016
B.S. in Electrical Engineering & Computer Science *with highest honors*
Honors: Eta Kappa Nu (IEEE Electrical Engineering Honor Society
                    Tau Beta Pi (Engineering Honor Society)
Activities: Machine Learning at Berkeley, Project Team

EXPERIENCE

Desmarais LLP, NY, *Summer Litigation Associate*   May 2023 – Aug. 2023

Valon Mortgage, NY, *Engineering leader*   Apr. 2021 – Sep. 2022
- Technical lead for the investor reporting platform at an early-stage startup in mortgage technology, handling CFPB, investor, and government data compliance
- Lead team of 10 on execution and planning for all reporting and remittance to investors & government entities, scaling from zero to billions of dollars processed and transmitted

Amazon, Santa Monica, CA, *Senior Software Engineer*   Aug. 2020 – Apr. 2021
- Technical leadership for Prime Video advertising-based international expansion initiatives
- Primary architect for Prime Video's new global video catalog backend
- Manage and coordinate cross-functional, international teams of 15+ engineers

Fish & Richardson PC, **Desmarais LLP**, *Summer Litigation Associate*   Jun. 2020 – Aug 2020
- Intellectual property (patent) litigation and related matters

Harvard Law Entrepreneurship Project, MA, *Director of Business Dev.*   Oct. 2019 – May 2020
- Advised startups in Boston area on legal issues, including formation, IP, and employment

Google, Cambridge, MA, *Technical Lead - Software Engineer III*   Jan. 2017 – Sep. 2019
- Technical lead in charge of 5 engineers for Google Cloud's containerized monitoring product
- Led backend architecture design, API launch, security, and documentation reviews with various teams including Cloud Monitoring, Geo-locations, Cloud Platform Marketplace, Kubernetes, and Firebase
- Designed and launched services across Google Cloud Monitoring, handling 100M+ QPS

Stanford Partnership in AI-Assisted Care, Stanford, CA, *Researcher*   Jan. – Mar. 2019
- Researched methods of computer vision applied to medical care under Professor Fei-Fei Li
- Created neural network models trained to identify patient actions from low resolution depth images

Grand Rounds, Berkeley, CA, *Data Science Consultant*   Jan. – Mar. 2016
- Developed machine learning pipelines on ~2TB of medical data to determine patient outcomes
- Presented findings to the board, helping to improve physician recommendations for patients

UC Berkeley AmpLab, Berkeley, CA, *Researcher*   Jan. – Dec. 2016
- Conducted distributed system and bioinformatic research under Professor Anthony Joseph
- Co-authored *Mango: Exploratory Data Analysis for Large-Scale Sequencing Datasets.* Cell Systems.

CERTIFICATIONS

Patent Agent, USPTO   2018