

GEORGE HE

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EDUCATION

- Stanford University, Stanford, CA** June 2019
M.S. in Computer Science – *AI Concentration*
Activities: Stanford Ballroom, Stanford Dragon Boat
- University of California, Berkeley, Berkeley, CA** Dec. 2016
B.S. in Electrical Engineering & Computer Science *with highest honors*
Activities: Machine Learning at Berkeley, Project Team

EXPERIENCE

- 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** Jan. 2017 – Sep. 2019
- Technical lead for Google Cloud's Kubernetes containerized monitoring product
 - Led backend architecture design, API launch, security, and API review
 - Conducted API review 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, AI Researcher** Jan. – Mar. 2019
- Researched computer vision applied to medical care under Professor Fei-Fei Li
 - Applied GAN, CNN, super-resolution models to identify patient actions from low resolution depth images
- Grand Rounds, Berkeley, CA, Data Science Consultant** Jan. – Mar. 2016
- Developed predictive 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.
- Google, Mountain View, CA, Software Engineer Intern - Search** Jun. – Aug. 2016
- Architected and deployed infrastructure for Google Search's machine-learning pipelines
- Google, Portland, OR, Software Engineer Intern - Ads** Jun. – Aug. 2015
- Led engineering and UX research to create the DART language code editor: dartpad.dartlang.org
- UC Berkeley SongLab, Berkeley, CA, Researcher** Jan. – May 2015
- Conducted security research on malware identification using AI under Professor Dawn Song
- Photo Lab [acquired by Dropbox], Palo Alto, CA, Software Engineer Intern** Jan. – Jun. 2013
- Designed a cross-platform photo sharing application for Android and iOS

OTHER

Programming Languages: Python, Java, C++, Scala, Golang, Javascript, Dart
Libraries/Platforms: Pytorch, Tensorflow, Kubernetes