

Kenny Song

hello@kennysong.com · +1 (201) 632-1315 | github.com/kennysong · linkedin.com/in/kennysong

Education

- 2020-2021 | **The University of Tokyo**
Government scholar. Research: Adversarial Machine Learning. Advisor: Masashi Sugiyama.
- 2013-2017 | **New York University Shanghai**
Member of the inaugural class. '13-14 Student Body President. '17 Senior Award in CS & Engineering. B.S. Mathematics and Computer Science, *summa cum laude* GPA: 3.958
- 2009-2013 | **Bergen County Academies – Academy for Business & Finance**
IB Diploma GPA: 3.953 SAT I: 2400

Career

- Dec 2020 - **Co-Founder & CTO, Citadel AI**
Building tools for AI monitoring, testing, and governance.
- Jul 2018 - **Product Manager, Google Brain**
Jan 2020
Production machine learning pipelines (TensorFlow Extended) and AutoML systems.
- Aug 2017 - **Associate Product Manager, Google Shopping**
Jul 2018
Google Search UX & Product Knowledge infrastructure.
- May 2016 - **Associate Product Manager Intern, Google X (Project Loon)**
Aug 2016
Managed a cross-functional project to improve balloon navigation with better stratospheric wind data.
- Sept 2015 - **Co-Founder, RoadWatch**
Dec 2016
Built a [smart driving assistant](#) that runs on a smartwatch, phone, and website. Sold to the Abu Dhabi government, and won the UAE's global m-Government competition.
- May 2015 - **Software Engineering Intern, Google Ideas**
Aug 2015
Worked on the networking backend and UI for uProxy, a peer-to-peer proxy. Wrote an open-source [NAT traversal library](#) in JavaScript. Built a Chrome app for one-tap deployment of a cloud proxy server.
- May 2014 - **Founder and Director, HackShanghai**
Aug 2015
Founded and organized China's largest college hackathon, [HackShanghai](#). Recruited 250 student hackers internationally (from 1400 applications) and 32 sponsor companies to participate.
- Jun 2014 - **hackNY Fellow, BuzzFeed**
Aug 2014
'14 hackNY Fellow on the web dev team. Created in-house dashboards for A/B test monitoring and page speed metrics, tracked user actions site-wide with analytics services, and optimized existing Javascript.
- Sept 2013 - **Student Body President, NYU Shanghai**
Jun 2014
Elected as the inaugural President of the Student Government. Led the construction of the governance structure, identified and addressed student grievances, and integrated technology into our core operations.

Technical Skills

- Advanced Python (Numpy, TensorFlow, Flask), JavaScript (TypeScript, Node, ES6), HTML, CSS, Docker
Intermediate C, Java, Android, Mathematica, \LaTeX
Elementary Go, Julia, R, iOS

Selected Projects

- adversarial.js | JavaScript library of adversarial attack algorithms, featuring an interactive demo.
github.com/kennysong/adversarial.js
- MiniGrad | A minimal, pedagogical implementation of autograd in pure Python.
github.com/kennysong/minigrad
- V. Ex Machina | Digital art project that generates eigenface animations from NYU yearbook photos.
kennysong.com/vultus_ex_machina
- μ Mail | A Gmail plugin that automatically summarizes emails using ML.
github.com/kennysong/uMail
- Learn To Drive | A driving instructor in your vehicle dashboard. 2nd place at TechCrunch Disrupt NY.
youtu.be/t0xYN_xYPNg