

# Kenny Song

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## Education

- 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 **Academy for Business & Finance**  
IB Diploma GPA: 3.953 SAT I: 2400

## Career

- Jul 2018 - **Associate Product Manager, Google Brain**  
TensorFlow Extended – an end-to-end production ML platform.
- Aug 2017 - **Associate Product Manager, Google Shopping**  
Jul 2018 Managed and launched several projects to improve Google Search on product queries, including product comparison features, a desktop product query redesign, and refinements on brand queries.
- May 2016 - **Associate Product Manager Intern, Google X (Project Loon)**  
Aug 2016 Managed a cross-functional project to improve balloon steering with better stratospheric wind data; assisted in launching new balloon designs; created dashboards to track flight metrics, payload stats, and fleet simulations.
- 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 - **Director and Founder, 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, PyTorch), JavaScript (TypeScript, Node, ES6), HTML, CSS  
Intermediate C, Java, Android, Mathematica,  $\LaTeX$   
Elementary Go, Julia, R, Objective-C

## Selected Projects

- Multi-Agent RL Senior capstone on multi-agent deep reinforcement learning algorithms.  
[github.com/kennysong/deep\\_rl](https://github.com/kennysong/deep_rl)
- RoadWatch A driving assistant on your watch, phone, and web. Grand prize in the 2016 mGov Competition.  
[roadwatch.ae](https://roadwatch.ae)
- $\mu$ Mail A Gmail plugin that automatically summarizes emails with a random forest regressor ML model.  
[github.com/kennysong/uMail](https://github.com/kennysong/uMail)
- V. Ex Machina Eigenface generation from our NYU class' yearbook photos, including GIFs!  
[kennysong.com/vultus\\_ex\\_machina](https://kennysong.com/vultus_ex_machina)
- Tweetspiration Scrapes Twitter for app/business/service ideas and displays them on a timeline.  
[tweetspiration.com](https://tweetspiration.com)
- Learn To Drive A driving instructor in your vehicle dashboard. 2nd place at TechCrunch Disrupt NY.  
[github.com/jzone3/LearnToDrive](https://github.com/jzone3/LearnToDrive)