

Kelly Tan

kellyktan1@gmail.com

WORK EXPERIENCE

- Google** New York, New York Feb 2018 - Present
Software Engineer, Geo Data Infrastructure
- Work on internal tools and infrastructure behind maps and location data
- University of Pennsylvania** Philadelphia, Pennsylvania
[*Automata, Computability, and Complexity*](#) Teaching Assistant August - December 2015, 2016, 2017
[*Database and Information Systems*](#) Teaching Assistant January 2017 - May 2017
[*Internet and Web Systems*](#) Teaching Assistant January 2016 - May 2016
Student-Athlete Tutor September 2014 - May 2015
- Provide guidance to students during weekly office hours and assist the professor in grading assignments and exams
- Google** New York, New York May 2016 - August 2016
Software Engineering Intern, Superroot: Search Infrastructure
- Expanded Search's integration test to include more generalized and specific runs
 - Wrote the design document and general documentation for the project
- Google** Mountain View, California May 2015 - August 2015
Software Engineering Intern, Content in AdWords Front End
- Implemented the UI for AdWords' new [Customer Match](#) which involved interactions with the back end and other front end components and displays of file upload progress and status
- Google** San Bruno, California May 2014 - August 2014
Engineering Practicum Intern, AdWords for Video
- Added key functionality to a new feature for AdWords for Video
 - Wrote the design document for the project
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EDUCATION

- University of Pennsylvania** Philadelphia, Pennsylvania
Master of Science in Engineering (M.S.E.) in Computer and Information Science, GPA 4.00/4.00 Dec 2017
Bachelor of Science in Engineering (B.S.E.) in Computer Science, GPA 3.84/4.00 May 2017
Minors in Mechanical Engineering & Applied Mechanics and Mathematics
- *Honors and Awards:* Summa Cum Laude, Dean's List (2016-17, 2015-16, 2014-15), ECAC Scholar Athlete of the Year (2017, 2016), Tau Beta Pi Honor Society Member, Eta Kappa Nu Honor Society Member
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SKILLS

C++, Java, SQL, Protocol Buffers, data processing pipelines, Python, GitHub (<https://github.com/kellyktan>)

EXTRACURRICULAR ACTIVITIES

- University of Pennsylvania Varsity Gymnastics Team Member (NCAA Division I)**
- Eastern College Athletic Conference Scholar Athlete of the Year (2017, 2016)
 - NACGC Scholastic All-American (2017, 2016, 2015, 2014)
 - USA Gymnastics Scholar Athlete (2017, 2016, 2015)
 - Eastern College Athletic Conference All-Academic Team Member (2017, 2016, 2015)
- Women in Computer Science Residential Program: Board Member (2014 - 2017)**
- Organize and run events such as dinner discussions, outreach workshops, and tech treks
 - Provide mentorship and guidance for younger members
- Hackathons**
- PennApps (Fall 2016 Top 10 Finalist, Fall 2015, Spring 2015, Fall 2013)
 - [CalPal](#) - an iOS application that uses computer vision to detect photo details to auto-populate a calendar event (Fall 2016, Top 10 Finalist)