Katie Li

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EDUCATION

Cornell University, College of Engineering   Ithaca, NY
B.S. in Operations Research & Information Engineering (ORIE) | Minor in Computer Science (CS)   *Aug 2017 - May 2021 (Expected)*
- **Relevant Coursework**: Databases, Optimization, Statistics & Probability II, Financial & Managerial Accounting, Practical Tools for Data Science & Machine Learning, Networks II: Market Design, Embedded Systems, Digital Logic & Computer Organization, Networks, Discrete Structures, Data Structures & Object-Oriented Programming, UNIX Tools & Scripting, Computing in Python
- **Joan & Irwin Jacobs Scholar**: Cornell Engineering grant that recognizes 30 students who exemplify potential in leadership & academics

Allen High School   Allen, TX
Distinguished Diploma   *Aug 2015 - June 2017*
- **Honors**: Class Top 2% (Class Size: 1579), Graduation Speaker, Senior Class Officer, Principal's Presidents Council, National Honor Society

RELEVANT EXPERIENCE

Carbon   New York, NY
Product and Business Development Intern, Capital Markets Team   *May 2019 - August 2019*
- Spearheaded the fundraising decks sent to venture firms and investors for the upcoming **SAFE and Series A** rounds
- Established **project management system** (Trello, Jira, Airtable) adopted by the business development & software teams
- Increased the cryptocurrency market making revenue by **250%** within two months through on-ramp product integration
- Developed internal tools using Javascript and React & a set of LaTeX documents; wireframed the Capital Markets website

Sequoia Capital   Ithaca, NY & San Francisco, CA
Cornell Campus Ambassador   *May 2018 - Present*
- One of 17 nationwide ambassadors for the venture capital firm to **scout student-led startups** for Seed & Series A funding
- Organized an Introduction to Entrepreneurship speaker panel to co-host with Alpha Omega Epsilon & Life Changing Labs

BigRed//Hacks   Ithaca, NY
Executive Co-Director (Nov 2018 - Present), Marketing/Logistics Coordinator (Nov 2017 - Nov 2018)   *Nov 2017 - Present*
- Managed 40 organizers across 7 subteams to plan Cornell's **$50,000** largest student-run hackathon with **500+** attendees
- Increased team size by **300%**; pioneered initiatives with website redesign, internal tools, and documentation

Cornell University Unmanned Air Systems (CUAir)   Ithaca, NY
Software Developer, Autopilot Subteam   *Sept 2017 - Present*
- **Awards**: 1st place fixed-wing autonomous aerial system (UAV) among 40+ teams at the 2018 International AUVSI SUAS Competition
- **Current Projects**: unmanned ground vehicle (UGV), vertical takeoff & landing, batch waypoint editor
- **Autonomous Rolling Takeoff & Landing**: Reconfigured/tuned the autopilot to switch from launch-by-catapult to launch-by-rolling
- **Ground Coverage**: Implemented visualization on the custom ground control station using Python, Javascript, React.js, and Leaflet
- **Bug Fixes**: Streamlined custom ground control station functionality to be compatible with ArduPilot/MAVProxy updates

SecondGen LLC   Dallas, TX
Co-Founder, Director of Operations, Executive Global Board   *Mar 2015 - Aug 2016*
- **What is SecondGen**: A teen entrepreneurship organization that fostered collaboration among students interested in technology, business, art, film, and journalism; by the end of 2016, it had 1000+ members in North America, Europe, Africa, Asia, and Australia
- **Hackathon Organizer**: Main organizer for **IncubateDFW** (part of IncubateX, which hosted teen entrepreneurship hackathons in 17 cities worldwide during Aug 2016) and **EagleHacks** (DFW's first MLH-sponsored high school hackathon with 300+ in attendance
- **1 of 3** speakers invited to present at the **2017 Texas Association of Student Councils State Conference** about starting SecondGen

PROJECTS

- **BigRedNotes**: Top 10 Project, Most Innovative Project, Best Technical Feat | BigRed//Hacks Fall 2017
  - Web app that uses Python, Keras, PHP, Microsoft/Twilio/YouTube APIs, and NLTK to parse notes & text users relevant video links

SKILLS

- **Programming Languages**: Python, SQL, HTML/CSS, R, Javascript, AMPL, Java, C++, C, Assembly, Verilog, Visual Basic
- **Frameworks, Technologies, and Libraries**: Git, LaTeX, React.js, Leaflet, Bootstrap, Docker, GIS, Excel, Word, MacOS, Windows, Linux
- **Skills and Tools**: Product Management, Project Management, Agile, Notion, Trello, Airtable, Gantt, Slack, Figma, FramerX, Sublime
- **Languages**: English (fluent), Chinese (fluent), Spanish (beginner)

ADDITIONAL EXPERIENCE & ACHIEVEMENTS

- Website Chair, former Professional Chair, and founding charter member of **Alpha Omega Epsilon**, Cornell's professional engineering sorority
- Fellow at **Rewriting the Code**, a national program for undergraduate women pursuing careers in technology (August 2018-Present)
- 3rd place in the **2019 Deloitte Cornell Undergraduate Case Competition**