KATIE LI

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EXPERIENCE

Data Science Intern, 57 Capital
📅 May 2020 – July 2020 📍 Remote

- Compiled 30 metrics from 1500 micro-VC firms and devised adjustable ranking algorithm to help limited partners discover profitable investments in emerging managers; built ranker using Javascript, React, Firebase, Pandas, Beautiful Soup, Kaggle

Product and Business Development Intern, Carbon (venture-backed fintech startup)
📅 May 2019 – August 2019 📍 NYC, NY

- Increased revenue by 250% by pitching market making service to 20+ clients; wrote pitch decks accepted into YC W19
- Developed portal using Javascript for clients to manage their assets; saved over $4000/year in operating costs

Unmanned Ground Vehicle Lead, Autopilot Software Engineer, CUAir
📅 September 2017 – Present 📍 Ithaca, NY

- CUAir is an engineering project team that designs, builds, and operates a custom search & rescue **unmanned aerial system**
- **Current Projects**: Directing a hardware & software team through development/integration of an unmanned ground vehicle to be dropped from an autonomous plane by glider; sensor integration, autonomous vertical takeoff/landing
- Implemented **ground coverage visualization** to automate post-mission analysis; improved score by 10+% (1st place)

Co-Founder and Marketing Director, IvyHacks
📅 April 2020 - October 2020 📍 Remote

- Managed roadmap and advised 100+ organizers for a **4-day virtual hackathon** hosted by 6 Ivy League schools
- Directly led 25 marketing & design organizers and launched ad/outreach campaign to reach over 3000 applications

Executive Co-Director, BigRed//Hacks
📅 November 2018 - October 2020 📍 Ithaca, NY

- Managed 40 organizers across 7 teams to plan Cornell's **$50,000 largest student-run hackathon** with 500 attendees
- Increased team size by 200%; pioneered new organization website, internal tools, and compiled 6 years of documentation

Co-Founder, SecondGen LLC
📅 March 2015 - August 2016 📍 Dallas, TX

- Bootstrapped **teen entrepreneurship organization** and scaled to 1000 members worldwide; did 10+ collaborative projects
- Co-founded **IncubateX**, which held eship hackathons in 17 cities worldwide in Aug 2016; resulted in 500+ startup projects

PROJECTS

- **Ducky**: iOS mental health and productivity app with a habit tracker, chatbot, and journal. Uses ML to parse entries for sentiment analysis. Developed product vision & strategy, set project timeline, designed in Figma, coded in React Native
- **donatecovid19.org**: Social impact website highlighting local donation funds; gained global support; led UI/UX design
- **Cornell eShip Club (Co-Founder)**: Organized a diversity speaker event with 200+ attendees. Launching club in Fall 2020

EDUCATION

B.S. Operations Research (ORIE), minor in Computer Science
Cornell University, College of Engineering
📅 August 2017 - May 2021 📍 Ithaca, NY

- **Relevant Coursework**: Digital Marketing, Big Messy Data, Simulation Modeling, Optimization I & II, Entrepreneurship, Financial & Managerial Accounting, Practical Tools for Data Science & Machine Learning, Data-Driven Web Apps, Databases, Discrete Structures, Data Structures & OO Programming, UNIX Tools & Scripting, Networks I & II, Python
- **Sequoia Capital Ambassador** (5/2018-8/2020) - One of 13 student ambassadors; scouted startups for potential funding

SKILLS

- **Product Management**: Agile, Notion, Trello, Gantt, Slack, Figma, FramerX, Sublime, UX/UI, data analytics, strategy
- **Programming**: Git, Python, SQL, HTML/CSS, R, Javascript, AMPL, Java, C++, C, Assembly, Verilog, Visual Basic
- **Technology & Libraries**: Bootstrap, Linux, LaTeX, React.js, Leaflet, Docker, GIS, Excel, Word, Google Apps Script, Pandas