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EDUCATION

Harvard University, Cambridge, MA

May 2017

S.B. Degree Candidate in Mechanical Engineering, Computer Science Secondary, GPA: 3.62

Relevant Courses: Abstraction/Design, Data Science, AI, Systems Programming, Solid Mechanics, Fluid Mechanics, Thermodynamics, Circuits, Statistics/Probability, Multi. Calc., Lin. Alg./Differ Eqs., CAD Mechanical Design, Physics

WORK EXPERIENCE

Faire

Senior Product Manager

New York, NY

January 2021 – Present

Uber Technologies, Inc.

Product Manager

San Francisco, CA

August 2017 – December 2020

- *Uber Eats Marketplace:*
 - Crafted vision and built a portfolio of new consumer pricing and promotion products that leverage real-time logistics efficiencies, similar to Uber Pool for food delivery. Led strategy across functions like Eng, DS, Design, Marketing, BD, Finance, and Operations to launch features globally and drive \$550M+ incremental bookings.
 - Developed new machine learning models for driver dispatch and food prep time predictions, resulting in 70% reduction in delivery time errors in a real-time, 3-sided marketplace; awarded a patent for prediction models
- *Uber Advanced Technologies Group (ATG):*
 - Spearheaded product vision and roadmap for an in-house built virtual simulation platform designed to test autonomy code more quickly and safely for self-driving vehicles
- 1 of 8 college-grads accepted into highly-competitive [Kleiner Perkins \(KP\) Product Fellows](#) program in 2017

Fitbit, Inc.

Mechanical Manufacturing Process Engineer Intern

San Francisco, CA

May 2016 – August 2016

- Spearheaded software development of real-time data dashboard for analysis and KPIs of overseas assembly lines
- Designed and implemented water leakage fixture to automate testing and serialization for Fitbit Flex 2 tracker
- Performed DOEs to develop automation process flows, 6-axis robot pick/place routines, and CCD vision systems

Space Exploration Technologies, Inc. (SpaceX)

Build Reliability Engineering Intern

Hawthorne, CA

May 2015 – August 2015

- Designed, built, and implemented web software platform for NASA Commercial Crew Program certification
- Served as product manager & developer for automated software package used to generate Detailed Inspection Plans for critical spacecraft parts, saving ~2 engineering hours/drawing in a library of ~300,000 drawing files
- Modeled and produced mechanical fixture for vibration testing of Dragon V2 spacecraft pressure transducers

Harvard Student Agencies, Inc. (HSA)

Founder and Managing Director: Boston Apparel Company

Cambridge, MA

October 2013 – February 2016

- Led a group of 12 hourly associates in a \$3 million retail business, achieving highest NPS in company history
- Implemented an automated inventory reporting program to decrease supply chain restocking times by 50% overall
- Signed strategic shipping contract to cut international fulfillment costs by 30% and increase web revenue by 40%
- Launched a new e-commerce subsidiary, including website backend development and supply chain management

ACTIVITIES AND LEADERSHIP

Drone-Based Atmospheric Sampler Instrument

January 2017 – Current

Lead Engineer, Co-Author

- Designed & fabricated a drone-based sampler instrument for atmospheric volatile organic compounds (VOCs)
- Conducted flight missions in Manaus, Brazil, published paper in AMT, and given Harvard SEAS Dean's Award

Harvard College Engineering Society

Senior Co-President

October 2013 – May 2017

- Lead executive board and a team of 12 project managers to host engineering events, mentorship programs, career treks

SKILLS AND INTERESTS

Skills: Python, SQL, C, HTML/CSS, Figma, Jira/Scrum, UX research, 3D printing, SolidWorks, VB

Patents/Pubs: [Patent 15/802395](#) (Fulfillment Time Prediction System), [Atmos.Meas.Tech.,12,3123-3135,2019](#)

Interests: Flight Simulation, Space Exploration, Violin, Italian Cuisine, Tennis, Traveling, Ultimate Frisbee, Hiking