Jamie Mercurio

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Education:

Princeton University   Graduation June 2020
- Cumulative GPA: 3.588; Major: Computer Science; Minor: Entrepreneurship
- Proficient: Java, C, Python, Swift, AngularJS, ReactJS, GitHub, PostgreSQL, HTML/CSS, Verilog.
- CS Courses: Algorithms & Data Structures (Java), Programming Systems (C), Contemporary Logic Design (Verilog), Advanced Programming Techniques (Python)

University of Edinburgh, Scotland   January - May 2019
- Courses: Computer Security, Reasoning & Agents (Haskell), British Politics: The Beginning of the End?

East Aurora High School (Valedictorian), Buffalo, NY   Graduation 2016
- Third Place, 2015 National Gannon Programming Competition- "Reverse Resistor Calculator".

Work Experience:

Software Engineering Intern, Capital One   June – August 2019
- Designed and built a full-stack network automation application from scratch for Capital One's proxy servers that saves approx. 200 hrs of work per year, utilizing Angular, NodeJS, Python, PostgreSQL, and Docker.

UX/UI Development Intern, Membit   June – August 2018
- Worked with ARKit and updated UI of Augmented Reality-based photo sharing iOS app w/ Swift + XCode.
- Directed production & 10+ beta user testing of significant update utilizing Apple's TestFlight software.

Product Management Intern, FourthIdea Inc.   July - August 2017
- Collaborated with developers to wireframe and design interactive VR videos for clients (Adobe AE + PP).
- Reorganized companywide workflow server through FunctionPoint, set documentation procedures.

Building Supervisor Team Manager (Princeton Uni. Campus Center)   Sept 2016 – Sept 2019
- Hired and trained new supervisors, organized work schedules/duties, and promoted a collaborative culture among a team that represents Princeton University to visitors during record budget cuts.

Projects:

Tech Policy Research - Princeton Center for Information Technology Policy   Sept 2019 – May 2020
- *AI In Healthcare* - Whitepaper for FDA detailing benefit + drawbacks of ML in decision-support software.
- *Facial Recognition in Public Safety* - Recommendations to NY legislators and police chiefs on FR tech.

Nutritionist Portal Web Application – TigerEats (Start-Up)   August 2018 – Feb 2019
- Built a web app using ReactJS, MongoDB, Flask, and Heroku that allows coaches to view a student's meal intake, make recommendations, set goals, and view dietary analytics with an intuitive, tested user interface.

Extracurriculars/Nontechnical Work:

Member of The Princeton Trustee Committee on Honorary Degrees   Sept 2018 – June 2020
- One of two students selected to rep. the undergraduate body during the consideration of potential recipients.

Race Founder and Organizer, Cross Country Crusade 5K   2014 - Present
- Founded a nonprofit organization where I regularly communicate with govt officials, local and national sponsors, and lead a team of volunteers on race day. Have raised over $15,000 for a local cancer charity.

Eagle Scout, Boy Scouts of America   2012 – 2016
- Built "Digital Information Kiosks" for my hometown. Also elected Senior Patrol Leader - led troop.

Interests: Breakdancing, SCUBA diving, skiing, videogames, soccer, hiking, and writing for a comedy magazine.