

# Jamie Mercurio

JamisonM@princeton.edu • <https://jamisonmercurio.com/>

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## *Education:*

### **Princeton University**

Expected Graduation May 2020

- Cumulative GPA: 3.6; 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 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 & beta testing of significant update utilizing TestFlight and Jira workflow 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 Manager (Princeton Uni. Campus Center)**

September 2016 - Present

- Hire and train new supervisors, organize work schedules/duties, and promote a collaborative culture among a team that represents Princeton University to visitors by providing logistical info and setting up events.

## *Projects:*

### **Nutritionist Portal Web Application – TigerEats (Start-Up)**

August 2018 - Present

- 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.

### **Mobile and Desktop Website, Princeton Tiger Humor Publication**

Jan 2017– Present

- As web editor, created a new mobile and desktop website, designed with HTML + CSS on WordPress.
- Improved online presence and increased ad revenue by integrating Google AdSense and Analytics.

## *Extracurriculars/Nontechnical Work:*

### **Member of The Princeton Trustee Committee on Honorary Degrees**

September 2018 - Present

- 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 \$12,000 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: SCUBA diving, breakdancing, skiing, videogames, soccer, hiking, and writing for a comedy magazine.