







# James Gan

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## Education

### **University of Washington | Master of Science in Technology Innovation** **December 2019**

- Project-based program focused on design thinking, technology development, and entrepreneurship.
- **Research:** Developed Autodesk Fusion 360 Extensions in Python, Department of Computer Science & Engineering
- *Related coursework:* Design Thinking Studio, Fabrication & Physical Prototyping, Essentials of Entrepreneurship

### **Georgia Institute of Technology | Master of Science in Computer Science** **May 2021**

- *Specialization:* Interactive Intelligence

### **Cornell University | Bachelor of Arts | GPA: 3.46** **May 2018**

- *Major:* Economics. *Minors:* Computer Science, Information Science, Asian American Studies

## Technical Experience

### **Homeless in Seattle | Google Cloud Platform Hackathon Prize | d3.js, Javascript** **Fall 2018**

- Created a data visualization of the Homeless in Seattle, including an interactive storyline
- Led project goals and priorities, designed visualizations, and taught 4 team members d3.js and data visualization

### **Better Opportunities | Bancor Research Paper | R, Solidity, Blockchain** **Spring 2018**

- Confirmed the existence of price inaccuracies from distributed lag, missing terms of price volatility and price shocks
- Two months after writing the paper, one vulnerability outlined resulted in \$25m USD being hacked from the exchange

### **RoboAdvisor | BlackRock Hackathon Prize | Python, Node.JS, Aladdin** **Fall 2017**

- Designed and developed a Microsoft Bot Framework RoboAdvisor to analyze real time risk data of investor portfolios

### **NYC Department Of Education | School Budget Scraper | Python, BS4, Selenium** **Summer 2017**

- Created data mining and querying infrastructure for extracting information from various web sources
- Programmed interface for financial analysis and market research automation resulting in digestible data reports

### **Wakawhitti | Bloomberg Hackathon Prize | Python, Django, Bloomberg** **Fall 2014**

- Drove product strategy and quality assurance for a travel site using real time financial data to calculate adjusted costs

## Experience

### **Program Manager | srnd.org, 501(c)3 nonprofit** **Spring 2015-Present**

- Lead consultant for \$30,000 Microsoft Philanthropies' TEALS contract to organize technology events nationwide
- Coordinated CodeDay in Florida, and grew it tenfold in half a year with a resulting Net Promoter Score of 95
- Recruited and managed a team of 15 volunteers, led technical workshops in Python, game development, and Splunk
- Founded an internship program that grew the nonprofit's network with government agencies and representatives

### **Software Developer Intern | Practice Makes Perfect, B-Corp Startup** **Summer 2017**

- Awarded grants from the Cornell Entrepreneurship Program and the Cornell Breitenbach Innovation Fund
- Defined and developed budget scraping software in Python, BS4, and Selenium to grow consulting revenue
- Pitched to C-Suite; facilitated successful product launch including end-user documentation and employee training

### **Product Marketing Intern | Winigent, Consulting Company** **Summer 2015**

- Created promotional materials of digital transformation case studies to assist in B2B sales development
- Developed and implemented portfolio product marketing strategy using competitive analysis, data analytics, and SEO