James Gan

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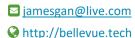
jamesylgan   jamesylgan   http://bellevue.tech

Education

University of Washington | Master of Science in Technology Innovation   **December 2019**
- Project-based program focused on design thinking, technology development, and entrepreneurship.
- *Related coursework*: Design Thinking Studio, Fabrication & Physical Prototyping, Essentials of Entrepreneurship, Independent Research (CSE)

Cornell University | Bachelor of Arts | GPA: 3.46   **May 2018**
- *Major*: Economics. *Minors*: Computer Science, Information Science, Asian American Studies
- *Related coursework*: Python, C, Back-End Development, Data visualization, Cryptocurrency and Smart Contracts, Functional Programming, Data Structures and Object-Oriented Programming, Tech Design for Social Impact, Teams and Tech, Computer Systems, Discrete Structures

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 Resarch Paper | R, Solidity, Blockchain   **Spring 2018**
- Confirmed the existence of price inaccuracies from distributed lag, missing terms of price volatility and price shocks

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 a budget scraper project to grow educational 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