

EDUCATION

- **Binghamton University, Thomas J. Watson School of Engineering** Binghamton, NY
Bachelor's of Science in Computer Science — Overall GPA: 3.3/4.0 August 2016 - May 2019

SKILLS

- **Programming Languages:** C/C++, Ruby, Python, Javascript (Electron, Node)
- **Technologies:** Docker, Jenkins, Quay.io, RabbitMQ, SideKiQ, Kubernetes, L^AT_EX, HTML/CSS
- **Frameworks:** Ruby on Rails
- **Tools:** Emacs, Git, Rspec, FactoryBot, JIRA
- **Languages:** Spanish (native)

EXPERIENCE

- **IBM** Austin, TX
Software Developer June 2019 - Present
 - Took ownership of the IBM Virtual Ethernet driver
 - Contributed patches written in C to upstream Linux through the Linux Kernel Mailing System
 - Collaborated with IBM's partner distributions to integrate and/or backport code changes into their releases
 - Automated a CI infrastructure to PowerVM products using Python
- **WeWork** Manhattan, NY
Software Engineering Intern June 2018 - August 2018
 - Worked on a distributed system handling different products for WeWork's membership experience using Ruby on Rails
 - Learned how to develop in a SCRUM/Agile environment on the job
 - Tested various microservices using Rspec and FactoryBot to ensure code quality/completeness
 - Paired with other software engineering teams in the company to complete tickets more efficiently

PROJECTS

- **TV-ify** July 2020
 - Architected a web application that generates a Spotify playlist based off of a TV show name
 - Utilized Ruby on Rails framework along with the help of Spotify's Web API
- **Yodabot** November 2019
 - Created a Slack Bot to help IBM Cloud Developers to retrieve information from different services
 - Utilized Node.js with the help of Botkit library
- **Key-Value Store with Configurable Consistency** December 2018
 - Implemented a distributed key-value store system that borrows designs from Dynamo And Cassandra using Python
 - Used Google Protobuf for communication among different entities in the system
- **N-Queens Algorithm** April 2018
 - Implemented the N-Queens Algorithm in C++ using backtracking algorithm
 - Presented and demoed in front of a class

LEADERSHIP EXPERIENCE

- **HackBU** Binghamton, NY
Co-director Aug. 2016 - June 2019
 - Lead workshops and presented on topics that are not taught in a core CS course
 - Organized annual hackathon with 350+ attendees with other co-directors