

Cristobal Forno

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EDUCATION

- **Binghamton University, Thomas J. Watson School of Engineering** Binghamton, NY
Bachelor's of Science in Computer Science; GPA: 3.34/4.00, Major GPA: 3.56/4.00 Expected May 2019
- **College at SUNY Oswego** Oswego, NY
Worked towards Bachelor of Arts in Computer Science; GPA: 3.40/4.00 Aug. 2015 – May. 2016

SKILLS

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

EXPERIENCE

- **WeWork** New York City, NY
Software Engineering Intern June 2018 - Aug. 2018
 - Worked on a distributed system handling 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
 - Debugged a Membership API directly overlooked by the team

PROJECTS

- **HackBU Hackathon Website** Sept. 2018
 - Created a website to allow students to view and sign up for the 6th annual HackBU hackathon
 - Used Bootstrap and SASS
- **Dynamic Branch Prediction with Perceptrons** March 2018
 - Researched machine learning for branch prediction, and implemented algorithms from an academic paper in C++
 - Improved flow of instruction pipeline with 98% hitrate
- **Covfefe Checker** June 2017
 - Created a program to check misspelled tweets of any public user
 - Utilized Python with the help of Python libraries: Tweepy and PyEnchant
- **Atom Template Plugin** December 2016
 - Utilized JavaScript to create a plugin for Atom, a text editor by Github
 - Created at HackBU 4th Annual Hackathon in under 24 hours and demoed to judges and employees

LEADERSHIP EXPERIENCE

- **HackBU** Binghamton, NY
Co-director Aug. 2016 - Present
 - Lead workshops and maintain a code repository on topics like Git/Github and emacs
 - Organize annual hackathon with 350+ attendees with other co-directors
- **Ski and Snowboard Club** Binghamton, NY
VP of Marketing Aug. 2018 - Present
 - Post information for trips on social media to attract new members
 - Collaborate with other e-board members to organize trips and events