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*
- **Relevant Coursework:**
  Distributed Systems, Machine Learning, Operating Systems, Design and Analysis of Algorithms

SKILLS

- **Programming Languages**: Ruby, C++, C, Python, Javascript
- **Technologies**: Docker, PostgreSQL, Jenkins, Quay.io, RabbitMQ, SideKiq, Kubernetes, LaTeX, 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 hackers to view and sign up for the 6th annual HackBU
- **Dynamic Branch Prediction with Perceptrons** — *March 2018*
  - Researched machine learning for branch prediction, and implemented algorithms from an academic paper
- **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 2nd Annual Hackathon in under 24 hours
  - Demoed at expo in front of judges and employers

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