Cristobal Forno

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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, Ruby, Python, Javascript (Electron, Node)
- **Technologies**: Docker, Jenkins, Quay.io, RabbitMQ, SideKiq, Kubernetes, LaTeX, HTML/CSS
- **Frameworks**: Ruby on Rails
- **Tools**: Emacs, Git, Rspec, FactoryBot, Heroku, JIRA
- **Languages**: Spanish(native)

EXPERIENCE

- **IBM** Austin, TX
  Software Developer *June 2019 - Present*
  - Worked on and maintained IBM Virtual Ethernet driver for users of the Linux powerpc architecture
  - Contributed patches to upstream Linux through the Linux Kernel Mailing System
  - Worked with IBM's partner distributions to integrate and/or backport code changes into their releases

- **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
  - Debugged a Membership API directly overlooked by the team

PROJECTS

- **Yodabot** *November 2019*
  - Created a Slack Bot to help IBM Cloud Developers to retrieve information from services
  - Utilized Node.js with the help of Botkit library

- **Key-Value Store with Configurable Consistency** *Dec. 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 Algorithmn** *April 2018*
  - Implemented the N-Queens Algorithmn in C++ using backtracking algorithm
  - Presented and demoed in front of a class

- **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

LEADERSHIP EXPERIENCE

- **HackBU** Binghamton, NY
  Co-director *Aug. 2016 - June 2019*
  - Lead workshops and presented on topics like Git/Github and emacs
  - Organized annual hackathon with 350+ attendees with other co-directors