





Christopher Y. Cortazo Rosas

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Highly motivated computer science graduate, proficient in multiple programming languages, software development tools, and fabrication tools. Strong analytical skills, effective communicator, and passionate about technology, and innovation.

Experience

Innovation Lab Assistant

Vassar College, Poughkeepsie, NY

September 2023 - May 2024

- Operated and maintained 3D printers, resin printers, laser cutters, sticker printers, and vinyl cutters.
- Assisted students and faculty with their projects by providing guidance on the use of lab equipment and project planning.
- Developed strong communication skills by engaging with lab users to understand their needs and offer solutions.
- Conducted training sessions to teach new users how to safely and effectively use lab tools.

Engineering Aide

Con Edison, New York, NY

July 2019 - August 2019

- Utilized AutoDesk Inventor to assist in designing and modifying engineering plans.
- Collaborated with senior engineers to develop efficient workflows.
- Gained hands-on experience in technical documentation and project management.

Counter Assistant

Capri Pizza & Pasta, Tarrytown, NY

March 2017 - August 2020, Summers: 2020-2022

- Gained managerial experience helping the managers and taking charge when no manager was present
- Gained strong multitasking skills and communication skills assisting customers, taking phone calls, and maintaining the ovens

College Store Assistant

Vassar College, Poughkeepsie, NY

Academic years: 2021 - 2023

Restaurant Support Staff

The Red Hat on The River, Irvington, NY

May 2023 - August 2023

Education

Vassar College, Poughkeepsie, NY

Bachelor of Arts in computer science, minor in Italian

September 2020 - May 2024

QuestBridge National College Match Scholar

Relevant Coursework:

Operating Systems | Computational Linguistics | Compilers | Classical AI | Software Design | Computer Organization | Theory of Computation | Algorithms

Projects

Machine Translation Comparative Analysis

Spring 2024

- Conducted a comparative study on translation models with two partners
- Designed and executed Python scripts using Pandas to clean and prepare datasets.
- Utilized HuggingFace libraries to fine-tune pre-trained models
- Analyzed and compared results using Bleu and Rouge scoring metrics.

Carpool App

Fall 2022

- Developed code, alongside a partner, for a community-based app for Vassar students to share carpool listings, enhancing campus sustainability.
- Built with Android Studio with an MVC framework, employing XML for the frontend and Java for the backend.

Technical & Language Skills

- Programming Languages: Python, Java, Ocaml, Javascript, SQL, Kotlin, C, C++
- Tools: Android Studio, AutoDesk Inventor, Pandas, Microsoft Office, Adobe Illustrator
- Fabrication Tools: 3D Printers, Resin Printers, Laser Cutters, Sticker Printers, Vinyl Cutters

- English (proficient)
- Spanish (proficient)
- Italian (advanced)
- Japanese (elementary)