Ricardo J. Cantarero
277 Prospect Avenue, Hackensack, NJ 07601
(201) 638-6497 | rjc360@scarletmail.rutgers.edu

EDUCATION

Rutgers University
Bachelor of Arts in Computer Science & Mathematics, Minor in Data Science   *2023*
Cumulative GPA: 3.886 – Recognized in Dean's List all Semesters in Attendances

EXPERIENCE

The Tutoring Center, West Caldwell   *West Caldwell, NJ*

Senior Mathematics and ELA Instructor   *February 2022 - Present*
- Worked alongside Orange, NJ BOE in tandem with company to provide intervention tutoring to children in grades 3-6.
- Managed a team of 3 instructors to create an environment suitable for student enrichment in Mathematics and Language Arts.

Eagle Creek Renewable Energy LLC   *Morristown, NJ*

Financial Accountant - Intern   *May 2021 - September 2021*
- Worked alongside Financial Department in integrating various Financial Accounting Systems into new Enterprise Resource Planning System.
- Performed Financial Validation and Reconciliation at the Company and Subsidiary Level

SKILLS

Computer Science
- Linux Programming using C and C++
- Familiarity with Linux Operating System Distributions, BASH, and CLI Programming
- Familiarity with Data Structures and Algorithm
- Data Modeling and Visualization using R and Python
- Familiarity with Python Data Science Libraries
- Proficiency in Microsoft Excel

- Calculus
- Abstract Algebra
- Introductory Analysis
- Formal Logic
- Enumerative Combinatorics
- Applied Mathematics
- Numerical Analysis
- Discrete Mathematical Structures
- Differential Equations
- Linear Algebra

Mathematics

PROJECTS

E-SPIRE - 2019
Created a Social Business geared towards utilizing salvage to create electronics for underprivileged children in New Jersey

LAMP Stack Student Registration Project - 2022
Created a Student Registration Website utilizing the LAMP Software Development Stack

Chinese Influence in Sub-Saharan Africa: An Exploratory Data Science Project - 2021

Utilized Python and a team of Data Science students to investigate the influence of China's increasing economic presence in Sub-Saharan Africa on key economic indicators in the region.

Formal Logic Parse Tree Generator - (In Progress)