Pablo Cesar Bedolla Ortiz
Mathematics & Computer Science Student

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LinkedIn | Github | Portfolio

Education

Dominican University - River Forest, Illinois   **January 2023 – Present**
Bachelor of Science in Mathematics & Computer Science

Columbia College Chicago - Chicago, Illinois (Transferred)   **September 2021 – December 2022**
Bachelor of Science in Programming, Concentration in
Application Programming, Minor in Mathematics
Awards: Dean's List Fall 2021

Experience

Columbia College Chicago, Chicago, Illinois   **September 2022 – December 2022**
Programming Tutor, IAM Department
Assisted student using C#, HTML/CSS/JS, Python, C++

Skills

Programming Languages: C#, Python, C++, Java, MATLAB, Bash, SQL, HTML/CSS/JS

Technologies: Git, Unix, Jupyter, Postgress, React, Typescript, Node

Libraries: NumPy, Pandas, TensorFlow, Matplotlib, Selenium/bs4

Projects

CourseRank - **Collaboration**   **January 2023**
- Implemented custom BM25 ranking algorithm in Python using Pandas, NumPy, and Jupyter Notebook
- Optimized to rank courses at university based on description relevancy given query

FBI Wanted Analysis - **Personal**   **January 2023**
- Used FBI's API to apply Clustering to uncover patterns in criminal activity in Python
- Data cleaning and processing to analyze data using Pandas, NumPy, NetworkX,

CCC Scraper - **Personal**   **November 2022**
- Designed & Tested Python web scraper using Selenium automation.
- Retrieves student data from my institution's social network and stored in a CSV file
- Discovered and exposed a series of vulnerabilities previously unknown and worked with responsible vendors to fix.

Ternel - **Personal**   **August 2022**
- A collection library of solutions and approaches to algorithmic and mathematical problems
- Developed and maintain all current library solutions, documentation, and documentation webpage
- Written in C# and Java

Leave Ukraine - **Contributor**   **February 2022**
- A global website containing vital information for Ukrainian refugees
- Implemented and updated website translations using JavaScript along with minor refactoring in the backend
- Documented border and refugee information for other developers to reference