

Education

Dominican University - River Forest, Illinois
Bachelor of Science in Mathematics & Computer Science

January 2023 – Present

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

September 2021 – December 2022

Experience

Columbia College Chicago, Chicago, Illinois
Programming Tutor, IAM Department
Teaching in C#, HTML/CSS, Python, C++

September 2022 – December 2022

Skills

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

Technologies: Git, Unix, Jupyter, Postgress, React

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

Projects

[FBI Wanted Analysis](#) - Personal

January 2023

- Used FBI's API to apply SNA & Clustering in Python to uncover patterns in criminal activity
- 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 strictly in C# or Pseudocode

[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

[Explorable Places](#) - Coursework

November 2021

- UI oriented game designed and implemented in WPF using C#
- Designed 2D elements using Figma
- Refactored and integrated installation and removal of elements to be dynamically handled