Elio Rocha

EDUCATION

The Catholic University of America   *Bachelor of Science in Computer Science*
GPA: 3.7 / 4.0   *Expected Graduation May 2027*
Awards: Dean's List

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, HTML, CSS
Libraries/Frameworks: Django, Django REST Framework, Flask
Developer Tools: Git, PostgreSQL, VS Code
Concepts: OOP (Object-Orientated Programming), Data Structures, Database Management

PROJECTS

- **FlowGo.AI (Hackathon Project)** | **Django, Django REST Framework**   *September 2025*
  - Built the backend for an AI-powered audio note-taking application with Django, enabling CRUD operations, and transcription and summarization of audio files
  - Integrated AssemblyAI API to process audio files which generate transcripts and summaries, storing results in Django models and managing data with serializers
  - Developed RESTful API endpoints, file upload handling, and asynchronous transcription polling to support the React frontend.

- **Oura Sleep Tracker Dashboard** | **HTML, CSS, JavaScript, Flask,**   *August– September 2025*
  - Developed a sleep tracker dashboard using JavaScript and Flask that integrates the Oura Ring API to fetch, store, analyze, and visualize user's sleep data
  - Built Flask backend endpoints and JavaScript frontend logic to retrieve, analyze, and process sleep metrics such as REM, deep, and total duration
  - Designed and implemented interactive sleep data visualizations using Chart.js to enhance usability and improve user experience

- **Stock Tracker** | **HTML, CSS, JavaScript, Flask**   *May 2025 – September 2025*
  - Created a stock tracking dashboard using Flask and yfinance to retrieve and display real-time market data
  - Processed several JSON responses containing stock metadata, pricing, and company information through Flask endpoints to enable real-time updates
  - Developed an intuitive UI by using frontend logic in JavaScript to fetch API data to update DOM elements, enabling live updates of price, gains/losses, and key metrics

WORK EXPERIENCE

- **Center Store Member | The Fresh Market |** Crofton, MD   *March 2025 – Present*
  - Managed and supervised receiving operations, ensuring optimal stock levels to meet expected demands across dairy, frozen, and grocery departments
  - Efficiently stocked shelves and unloaded merchandise from trucks into the freezer and dairy coolers to optimize product quality and availability
  - Minimized perishable waste by rotating products and promptly identifying and removing damaged goods

EXTRACURRICULAR ACTIVITES

- CUA Chess Club   *Fall 2023 – Present*
- Brazilian Jiu-Jitsu   *March 2022 – Present*