

Bavanan Bramillan

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EDUCATION

Drexel University

Bachelor of Science in Electrical Engineering

Philadelphia, PA

Anticipated Graduation: June 2026

- **Relevant Coursework:** Calculus IV, Linear Algebra, Digital Logic Design, Principles of Microeconomics, Intro to Technology Innovation in Management
- **Awards/Honors:** A. J. Drexel Scholarship

EXPERIENCE

7-Eleven

Sales Associate

Doylestown, PA

June - August (2021, 2022, 2023)

- Addressed customer inquiries and provided detailed product information
- Proficiently handled cash and credit transactions while overseeing store operations
- Inventory management, balanced cash drawers and tracked lottery sales of evening shift

PROJECTS

Personal Website

November 2023--Current

Philadelphia, PA

- Created and hosted an interactive website using HTML, CSS, and JavaScript
- Managed version control with Git, ensuring continuous updates and improvements to the website.
- Showcased projects, skills, and achievements through a visually appealing and organized layout.
- Integrated analytics tools to track website traffic and user engagement.

Titanic Data Visualization

December 2023

Philadelphia, PA

- Developed data visualization application using Python and Pandas
- Leveraged Streamlit caching mechanism for efficient data loading and app performance
- Utilized sliders to filter data based on fare and age ranges, enhancing user interactivity
- Integrated string-matching functionality for querying passenger names from user input.

Oxford Dictionary Web Scraper

November 2023

Philadelphia, PA

- Developed web scraping app using Python & Streamlit to retrieve definitions from Oxford Dictionary
- Utilized BeautifulSoup library for parsing HTML content and extracting relevant information
- Implemented functionality to fetch words & definitions examples dynamically from site
- Designed and implemented a clean and intuitive user interface to view corr. words & definitions

TECHNICAL SKILLS

Languages: C/C++, Python, HTML/CSS, JavaScript

Software & IDE's: Microsoft Office; Visual Studio Code, PyCharm, Git, GitHub, Ubuntu

Frameworks: Django, React

Libraries: NumPy, Pandas, Plotly, Streamlit