

# TERRANCE DAVIS

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## Education

### Syracuse University

*Bachelor of Science in Computer Science*

**Aug. 2023 – May 2027 (Expected)**

*Syracuse, New York*

### Relevant Coursework

- Python for Data Science (IBM)
- Information Technology
- Application for Information Systems
- Accounting
- Developing Back End Apps with Node.js and Express
- Networks and Cloud
- Developing Front End Apps with React (IBM)
- Introduction to SQL

## Experience

### Outlier AI

*Prompt Engineer Intern*

**June 2024 – Present**

*Remote*

- Developed Python scripts for data preprocessing and model refinement, streamlining the workflow and reducing manual intervention.
- Utilized machine learning techniques and statistical analysis to improve model reliability and efficiency.
- Led cross-functional team meetings to discuss algorithm performance and integration strategies, ensuring alignment with project goals.

### Syracuse University

*Campus Sales Associate*

**Jan 2024 – Present**

*Syracuse, University*

- Conducted data analysis on sales trends and customer preferences, providing insights to management to optimize product placement and increase sales.
- Trained new employees on POS systems and customer service techniques, fostering a supportive and efficient work environment.
- Assisted in the implementation of a new inventory management system, improving stock accuracy by 10 percent.

## Projects

### Budget Allocation App | *React, HTML/CSS, ESLint*

**May 2024**

- Developed a budget allocation application using React, HTML, CSS, and JSX to manage and visualize personal or organizational budgets.
- Integrated dynamic data handling and real-time updates, allowing users to easily adjust and track their budget allocations.
- Utilized Vite for fast and efficient development, enabling rapid build times and a smoother development experience.

### Professional Portfolio Website | *Javascript, Node.js, HTML/CSS, Tailwind CSS*

**June 2024**

- Designed and developed a personal landing page using HTML, CSS, and JavaScript, focused on presenting portfolio projects and professional information.
- Utilized responsive design techniques to ensure compatibility across various devices and screen sizes, optimizing accessibility and usability.

### Gaming Market Analysis and Visualization | *Python, Pandas, Folium*

**April 2024**

- Designed a sample banking transaction system using Java to simulate the common functions of using a bank account.
- Employed advanced Python programming techniques to handle and analyze large datasets, integrating information from various web APIs for comprehensive insights.
- Created interactive maps using Folium to visualize gaming market penetration and demographic trends, enhancing data accessibility and understanding.

## Technical Skills

**Languages:** Python, HTML/CSS, JavaScript, SQL, Excel, Node, Express

**Developer Tools:** VS Code, Figma,

**Technologies/Frameworks:** GitHub, WordPress

## Leadership / Extracurricular

### Fellowship

*Fellow*

**Summer 2023 – Summer 2024**

*Karim Kharbouch Coding Fellowship*

- Led team projects to design and implement user interfaces, utilizing HTML, CSS, and JavaScript to enhance user engagement.
- Presented project outcomes and design strategies to business professionals, demonstrating the impact of UX/UI improvements on user experience and business objectives.