Sami Veliu

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EDUCATION

Michigan State University **Expected Graduation: April 2026**
Bachelor's of Science Computer Science | *Minor* in Business GPA: 3.85

TECHNICAL SKILLS

Languages: C++, Python, Java, HTML/CSS, Javascript, SQL, C# .Net Core(in progress)
Developer Tools / Technologies: ReactJS, Django, Git, VSCode, pgAdmin, AWS EC2, Microsoft Office Suite

EXPERIENCE

Spartan Food Security Council | President **April 2024 - Present**

- Raised **$503,000** in the past fiscal year, whilst in accordance with Michigan government regulations, to provide funding for 4 university programs statewide to help feed students in Michigan.
- Partnered with Representative Jenn Hill to introduce bill #5097 (Hunger-free Campus bill) into the House of Representatives to raise further funding for all public universities in the upcoming year.

Toyota | Automotive Sales Porter **April 2022 - August 2022**

- Managed the transportation and organization of 150+ vehicles within the dealership, ensuring efficiency in service operations and maintaining high standards of client-side satisfaction.
- Gained valuable insights into B2B operations and B2C strategies to increase net sales.
- Ensured positive commercial account transactions daily and assisted in completing local customers' vehicle needs.

PROJECTS

Expense Tracking System | Django, Python, HTML/CSS, PostgreSQL

- Implemented Django to create RESTful routes for secure user authentication and project management, and connected front-end HTTP requests to the backend using Django.
- Admin-focused Expense Tracking system (ETS) to manage spending and budget reports for custom projects within an organization.

ML Patient Risk Tool | Python, SQL, ML/AI

- Used Decision Tree Classifiers on medical data (from Kaggle) to generate risk analysis report based on 10+ scientific markers of developing diabetes (ie: Triglycerides Level, Age, and Number of Pregnancies).
- Increased accuracy rate by 12% (to **86%**) by switching from Linear Regression model to Random Forest model to account for the non-linear relationship between 'health markers' and diabetes diagnosis.
- Utilized SciKit learn API to split, train, and test models on datasets within SQL database.

Driving Habits Analysis Tool | SciKitLearn, Forscan, Python, SQL

- Real-time data collection of internal vehicular metrics (RPM, Brake Pressure, Acceleration Rate).
- Scikit-learn API to get live data feed from car and predict to derive analysis from sensor delta and Matplotlip to visualize data spikes/dips.