AHMET SARI

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EDUCATION

	2023 - Present
Bachelor of Computer Science	*George Mason University*
	2024 - Present
Full-Stack Software Development	*TechWise sponsored by Google*

WORK EXPERIENCE

Summer Cybersecurity Intern - Internship   Jun 2022 – Jul 2022
Cybernow Labs

· During my internship at CyberNowLabs, I repaired and optimized a critical, non-operational form on the company's website, enhancing its functionality through code modifications and extensive testing. I also performed tests on the cybersecurity training application, improving system reliability and user experience. Additionally, I gained practical experience with company hardware and received training in network fundamentals, furthering my knowledge of network architecture and security protocols.

PROJECTS

Personal Finance Tracker   Link

· Collaborating with a team to design and implement a Personal Finance Tracker application for mobile devices. Utilizing Python, Kivy, and KivyMD for the app's architecture and data handling. Leveraging Git for version control and team collaboration. Focused on providing users with tools to manage their financial goals, track expenses, and analyze spending patterns.

Front-End Developer, Personal Portfolio Website   ahmetsari.com

· Developed a responsive personal portfolio website to showcase front-end development skills. Designed a clean, modern user interface with navigation, profile sections, project galleries, and contact info. Integrated interactive JavaScript elements for enhanced functionality and optimized the site for cross-browser compatibility and performance.

Predictive Analysis of Student Performance Factors   Link

· Developed and implemented a predictive model using XGBoost and Random Forest to analyze factors affecting student performance and dropout rates, based on a comprehensive dataset including socio-economic and academic variables.

· Achieved high F1 scores, demonstrating strong predictive accuracy and effective handling of class imbalances in educational data.

· Produced impactful visualizations to present correlations between student outcomes and various predictors, aiding stakeholders in educational planning and interventions.

Software Developer, Breakout Game Project   Link

· Collaborated with a team to design and implement a 'Breakout' game within a 2-hour challenge. Engineered game mechanics including collision detection and game state management. Developed interactive elements like paddles, balls, and bricks. Implemented a scoring system and real-time status display. Demonstrated adaptability and teamwork under pressure.

KEY SKILLS

<u>Front-End</u>: HTML, CSS, JavaScript, GitHub, Machine Learning (ML), NumPy, Mathplotlib, Seaborn
<u>Back-End</u>: Java, Python, C, Game Development (PyGame), Kivy/KivyMD