

# Ahmet Sari

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## EDUCATION

**George Mason University**, Fairfax, VA

**Graduation 05/2027**

*B.S. Computer Science*

- Dean's List | Relevant Coursework: Data Structures, Operating Systems, Software Engineering, Database Management

## TECHNICAL SKILLS

**Programming & Tools:** Python, Java, C, SQL, HTML/CSS, JavaScript, React, Git, GitHub, Maven, Figma, Docker, RStudio

**Frameworks & Libraries:** JavaFX, Bootstrap, Flutter, CSS Grid, Pandas, scikit-learn, XGBoost, JUnit, JDBC, MATLAB

## EXPERIENCE

**Digital Forensics & Privacy Lab (UMIT<sup>2</sup> Lab)**, George Mason University

**09/2025 – Present**

*CCI Scholar/Research Assistant – Research Placement under Dr. Ümit Karabiyyik*

- Built an NLP system to analyze ToS/Privacy Policies using embeddings and rule-based thematic classification
- Created a unified privacy ontology based on ToS;DR, NIST Privacy Framework, and GDPR/CCPA
- Generated structured CSV/Markdown/JSON summaries for benchmarking policy transparency
- Conducted alignment studies comparing AI-generated results with ToS;DR labels to improve accuracy

**Office of Research, Innovation, and Analytics (ORIA)**, George Mason University

**09/2025 – Present**

*Student Research Assistant*

- Supported **data collection, compliance reviews, and reporting for federally funded research projects**
- Assisted with website updates and content management using WordPress to improve accessibility and organization
- Collaborated with administrators and faculty to streamline research operations and ensure policy adherence

**AI & Computer Vision Lab (InfoLab)**, George Mason University

**05/2025 – 09/2025**

*Research Placement under Dr. Ziwei Zhu*

- Conduct research on **hallucination reduction in Large Vision-Language Models** (LVLMs) using image-specific attention
- Design and run experiments on **CHAIR** and **AMBER** benchmarks with models such as **InstructBLIP** and **LLaVA/NeXT**
- **Co-authored** "Mitigating Hallucination in Large Vision-Language Models via Adaptive Attention Calibration" (arXiv, 2025), introducing the CAAC framework, achieving up to **4% lower hallucination rates** than top baselines

**TechWise by Google**, Remote

**03/2024 – 09/2025**

*Full-Stack Software Development Fellow*

- Selected for a **highly competitive**, 18-month **Google-sponsored** program in **full-stack development, AI/ML, and GenAI**
- Built apps with **Flutter + Firebase, ML models (XGBoost, ANN)**, and **Python/Kivy + SQLite** as part of projects
- Awarded **1st Place** in the TechWise Hackathon; mentored by **Google engineers** and trained by **Carnegie Mellon faculty**

**Cybernow Labs**, Ashburn, Virginia

**06/2022 – 07/2022**

*Cybersecurity Intern*

- **Optimized and repaired** non-functional **web form** by modifying code and extensive testing, restoring critical functionality
- Performed **QA testing** on the company's cybersecurity training platform, **enhancing** system **reliability** and user experience
- Received training in network fundamentals, strengthening understanding of network architecture and security protocols

## PROJECTS

**GreensWrd – Smart Plant Care App (TechWise)**, <https://github.com/szulun/GreensWorld>

- Built a Flutter app with Firebase authentication, an AI Assistant for plant guidance, and an interactive plant shop map
- Developed a responsive UI with custom navigation bar and integrated Google Maps API to help users find plant stores
- Implemented user login, registration, and dashboard features to track plant care tasks and progress

**Predictive Analysis of Student Performance (TechWise)**, <https://github.com/ShawnASC5/Student-Performance-Factors>

- Developed ML models (XGBoost, ANN) on 1,000+ students to predict graduation/dropout risk with 87% accuracy
- Discovered that debt increases dropout risk by 62%, and older students face higher persistence challenges.
- Visualized feature importance and model results to inform educators and stakeholders about key success factors

## LEADERSHIP AND PROFESSIONAL DEVELOPMENT

**Blossom Together**, Fairfax, VA

**08/2024 - Present**

*Founder and President of the GMU Chapter*

- Lead a humanitarian chapter impacting 5+ countries through water well projects, cataract surgeries, and food distributions
- Raised \$6,000+ in one academic year by coordinating 5+ volunteer campaigns and campus-wide fundraising events
- Managed and motivated a team of 15+ student volunteers across 6+ events, improving campus engagement