Raazan Doski

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Computer Science graduate student with expertise in building scalable applications using Python, React, C++, SQL, and AWS cloud services. Proven track record of delivering automation solutions and data-driven applications through personal projects as well as professional engineering work. Passionate about writing clean, efficient code and solving complex technical challenges. Eager to build innovative solutions that deliver great customer experience.

Technical Skills

Languages & Frameworks: Python, JavaScript, HTML, CSS, React, C++, C, Flask, Pandas, SQL (PostgreSQL, MSSQL), x86 NASM, bash
Tools & Platforms: AWS (Lambda, S3), Google BigQuery, Microsoft Power BI, GitHub
Core Areas: Web development, automation scripting, data analysis, networking, systems integration, microcontrollers, cybersecurity

Projects

Aeris   **https://aeris.raazan.dev**
- **Developed** a minimalist **Flask-based RESTful API** tool that gathers live data from OpenWeatherMap using **Python**.
- **Implemented query handling** and **JSON responses** for city, state, and country searches.

websiteCheck   **https://github.com/raaz4n/websiteCheck**
- Developed a **Python tool** that monitors websites and notifies users of updates.
- Designed to run on **AWS, Google Cloud, or Raspberry Pi** for continuous monitoring.

Education

Middle Tennessee State University – MS in Computer Science   *December 2027*
Middle Tennessee State University – BS in Computer Engineering Technology   *December 2024*
- Awarded Hope and Aspire Scholarships & Pell Award   GPA: 3.5 (Cum Laude)
- Emphasis in Software Engineering

Experience

Software / Firmware Graduate Assistant, MTSU – Murfreesboro, TN   *August 2025 – Present*
- Guided students in **programming**, including **debugging software, firmware** and interfacing with hardware peripherals.
- Led lab sessions by **explaining software development workflows** (compiling, flashing, and troubleshooting code) and **testing coding errors** in real time.
- **Facilitated a classroom environment** that promoted **problem-solving** and structured coding approaches.
- Collaborated with faculty to **evaluate student code submissions**, offering detailed feedback on efficiency.

Systems Engineer, RoviSys Building Technologies – TN   *March 2025 – August 2025*
- **Performed loop checks on panels** at 4+ company partners such as Hankook Tire, AESC and BlueOval SK to ensure systems are up to date.
- Assisted in **installing Cisco network switches & network racks** across multiple plants
- Kept track of instrumentation through Excel on points such as device installation status, powered on/off, etc.
- Utilized Python scripts to organize PLC tags into Excel files.

Engineering Intern, Ultium Cells – Spring Hill, TN   *May 2024 – August 2024*
- **Designed and implemented** automation logic for Siemens PLCs, integrating software and hardware.
- **Created a custom safety inspection tool** using Arduino IDE.
- **Conducted debugging, troubleshooting, and system validation** to improve plant operations.
- **Coded** a small application device using Python.

Certifications

- Google Data Analytics Professional Certificate   *December 2024*
- SOLIDWORKS CAD Design Associate (CSWA) Certification   *December 2024*