

# SAIRAM

## SOUNDARARAJAN

## ABOUT

Enthusiastic Computer Science graduate with a strong foundation in software development, eager to contribute to team success through dedication, collaboration, and organizational skills. Proficient in Java, Python, and SQL, with experience in developing web applications and managing databases. Motivated to learn, grow, and excel in the IT industry, bringing a passion for continuous improvement and a proven ability to solve complex problems through innovative solutions

## EDUCATION

**Bachelor of Science in Computer Science**, May 2023  
University of Maryland, Global Campus, MD, GPA: 3.94

**Associate of Arts in Computer Science**, May 2020  
Montgomery College, Rockville, MD, GPA: 3.2

## ACHIEVEMENTS

- **Developed a Transportation Efficiency Algorithm:** Collaborated with a team to create a transportation efficiency algorithm that outperformed the Nearest Neighbor Algorithm (NNA).
  - Utilized concepts of time complexity, maps, and array lists to rigorously test and refine the algorithm.
  - Achieved superior performance and efficiency compared to the NNA, demonstrating significant improvements in computational effectiveness.
- **Web Development:** Developed a website using HTML, CSS, and JavaScript to post original musical compositions, showcasing technical skills in front-end development and creative content integration.
- **Capstone Project:** Collaborated with a team to develop a Python-based website program, successfully embedding a Unity game into the webpage using the Flask framework, demonstrating proficiency in full-stack development and cross-functional teamwork.

## SKILLS

### Programming

Java ★ ★ ★  
Python ★ ★ ★  
C++ ★ ★ ☆  
HTML ★ ★ ★  
CSS ★ ★ ★  
JavaScript ★ ★ ☆  
Cygwin ★ ★ ☆

### Other

Visual Studio ★ ★ ★  
Git ★ ★ ★  
Object Oriented ★ ★ ★  
Program  
Benchmarking ★ ★ ★  
Technical Writing ★ ★ ☆  
SQL ★ ★ ★  
ER Diagrams ★ ★ ★  
Advanced Math ★ ★ ☆  
Microsoft ★ ★ ★  
Applications  
Written ★ ★ ★  
Communication

## PROFESSIONAL EXPERIENCE

**IT Service Specialist Intern**, June 2022 – May 2023  
Perkins Eastman, Washington, DC

- **Developed Cybersecurity Python Application:** Utilized Microsoft Graph API and AzureAD to create a Python program that receives employee email addresses and checks for indicators of compromise, enhancing the organization's cybersecurity posture.
- **Performed Laptop Re-imaging and Network Configuration:** Re-imaged laptops through BIOS setup and configured NIC (IPv4) settings, ensuring optimal performance and security for end users.
- **Conducted Functional Testing of Docking Stations:** Performed rigorous testing on docking stations to verify functionality and compatibility, ensuring seamless integration with various laptop models.
- **Resolved External Display Issues:** Diagnosed and troubleshooted display settings for laptops to extend to external monitors, significantly improving user productivity and satisfaction.
- **Troubleshoot Audio Settings for Headsets:** Diagnosed and fixed audio input and output issues for clients' headsets, enhancing communication quality and user satisfaction.
- **Installed and Configured Printers:** Set up and installed printers on clients' laptops and workstations, ensuring proper configuration and seamless operation.

**Customer Service Associate**, February 2013 – June 2022  
Hot Breads Bakery and Cafe, Washington, DC

- **Assumed Increasing Responsibility:** Took on progressively more challenging roles and responsibilities, showcasing growth in reliability and skillset.
- **Ensured Precise Order Fulfillment:** Applied meticulous attention to detail in receiving and processing customized orders, ensuring high levels of customer satisfaction.
- **Collaborated for Optimal Service Delivery:** Worked closely with team members to deliver exceptional dining experiences, enhancing both service efficiency and customer satisfaction.
- **Upheld Rigorous Cleanliness Standards:** Maintained high standards of cleanliness, contributing to a safe, hygienic, and welcoming environment.
- **Enhanced Stock Organization:** Systematically organized stock areas to improve retrieval efficiency and significantly reduce misplaced items, streamlining operations.