

# Tolib Sanni II

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**Objective:** Computer Science/Cybersecurity student interested in growing my skillset as an IT Professional.

## Skills:

- **Programming Languages:** JavaScript, HTML, CSS, Java, Python, C#, C/C++, GDScript
- **Certifications:** CompTIA A+, C# (Sololearn), Java (Sololearn)
- **Development Tools:** Web (JavaScript, HTML, CSS), Backend (Java, Python, C#, C/C++), Databases (SQLite3) Game Development (Unity, Blender, Godot), Hardware (Arduino, Raspberry Pi), Version Control (GitHub)
- **Networking/IT:** Network Administration (Cisco Routers, Cisco Switches), Command Line (Linux/Mac, Windows, Cisco Switch, Cisco Router), Hardware/Software Troubleshooting (Android, iOS, Windows, Linux, Mac, Printers), PC Building/Repair
- **Software Proficiency:** MS Office (Word, Excel, PowerPoint), IDE (VS Code, Arduino, Visual Studio), Linux (Debian, Redhat, Ubuntu, CentOS), Tools (Wireshark, VirtualBox)
- **Soft Skills:** Hard Working, Driven, Group Leader, Team Player, Creative, Analytical

## Education:

Community College of Baltimore County

Associates of Science - Computer Science, Associates of Applied Science – Cyber Security Double Major

Anticipated Graduation: 2024

Freshman Year: Object-Oriented Programming(A), Intro to Programming(A), C++

Programming(A), Intro to Networks(A),

Sophomore Year: Python Programming (A), Intro to Linux(A)

Total Credits: 50 GPA 3.87/4.0

Western School of Technology and Environmental Science (Western Tech) Anticipated Graduation: 2024

Magnet Program: Information Technology – Cisco Networking with a Program GPA of 3.6/4.0

Grade 9: Honors Foundations of CS (A)

Grade 10: Cisco IT-Essentials (A), Honors Cybersecurity Essentials (B)

Grade 11: Honors Cisco CCNA I (B), Honors Cisco CCNA II(A)

AP scores: 4 on AP Computer Science A, 3 on AP Language and Composition

Overall Unweighted GPA: 3.47/4.00 Overall Weighted GPA: 4.47/6.00

## Awards and Accolades:

Spanish Certificate of Excellence, April 2022

Western Tech Scholar, 2022 – Present

Western Tech Honor Roll, 2022 – Present

CCBC Phi Kappa Theta Honor Society, Member, June 2023 – Present

CCBC Dean's List June 2022 – Present

## **Extracurricular Activities:**

### **Tech Club (Formally Known as Hack Club), Member and President, September 2021 – Present**

Contributed to a Google extension detecting AI-generated writing.

Currently organizing club events and activities.

### **UMBC Hackathon Participant, October 2022**

Developed the website ParseError, a social media website for programmers using JavaScript, HTML, and CSS.

### **UMBC Hackathon Participant September 2022**

Lead developer in the Lecturey program. A website made in Python that interprets audio/video files into text. Following this it makes notes and adds images to help students learn more efficiently. Uses Openai API, as well as web scraping using BeautifulSoup3.

### **SkillsUSA, Member, Computer Programming Competitor, September 2021 – Present**

### **Western Tech Future Business Leaders of America, Member, 2022 – Present**

Assisted in organizing club activities.

## **Work Experience:**

### **STEMcx, (Software Engineering Intern) June 2023 – August 2023**

- Engaged with engineers, companies, and institutions to understand software engineering processes
- Maintained and enhanced the STEMcx railroad system using Python, C, Arduino, RabbitMQ, SQLite3, and networking protocols
- Implemented customer-oriented feature "CIS" for train arrival times by studying the system and making required changes
- Read client specifications, making necessary changes to design documents

### **Software, Magic, & Rainbows, (Software Engineering Intern) June 2023 – July 2023**

- Collaborated on developing the game "Gilrunners" using the Godot engine
- Aided in backend development, multiplayer integration, GUI design, and gameplay features
- Ensured seamless integration of features made by teammates and assets using GDScript and GitHub

### **Western Tech, (Student Aid) August 2023 – Present**

- Answering questions of students regarding course work with IT-Networking Courses
- Performing administrative tasks such as troubleshooting and restoring desktops and laptops
- Inventory management with Excel
- Assisting IT-Networking teacher with equipment and tasks

### **Prompt Nexus, (A.I Writing and Research Intern) August 2023 – Present**

- Researching and writing articles about different applications of AI