

# Cheikh Diop

Silver Spring, MD

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## TECHNICAL SKILLS

- Programming: C/C#/C++, CSS, HTML, Java, JavaScript, Kotlin, Lua, MATLAB, Python, R, React, SQL
- Software: Android Studio, Blender, Eclipse, Firebase, Git, GitHub, GitLab, Google Cloud Platform (GCP), Microsoft Office, MongoDB, MySQL Workbench, Roblox Studio, Vercel, Visual Studio Code (VS Code)

## EDUCATION

### Bachelor of Science in Computer Science

May 2024

Towson University, Towson, MD

#### Related Coursework

Advanced Data Structures and Algorithm Analysis, Calculus I, Calculus II, Computers and Creativity, Data Communications and Networking, Database Management Systems, Discrete Mathematics, Ethical and Societal Concerns of Computer Scientists, General Computer Science, Introduction to Computer Science I, Introduction to Computer Science II, Introduction to Cyber Security, Object-Oriented Design & Programming, Principles of Computer Organization, Programming Languages: Design and Implementation, Public Speaking, Software Engineering, Web-Based Programming, Writing for Business and Industry

## WORK EXPERIENCE

### Lead Instructor, iD Tech, Towson, MD

June - August 2023 & 2024

- Developed and delivered a comprehensive technology-focused curriculum for students aged 7-17, enhancing their skills in coding, game development, and robotics, resulting in a 90% improvement rate in student technical skills.
- Managed dynamic classroom settings, adapting teaching methods to diverse student needs, which fostered a productive and engaging learning environment and high student satisfaction.
- Provided personalized support and constructive feedback, enhancing students' understanding and application of complex technical concepts, evidenced by positive feedback from students and parents.
- Leveraged technology tools like Roblox Studio and PyCharm to enhance learning and project execution, equipping students with practical experience in industry-standard tools.
- Guided students through collaborative projects, fostering teamwork and leadership skills among young learners, and improving overall project outcomes and team dynamics.
- Maintained high professional standards and adaptability in a fast-paced educational setting, ensuring consistent delivery of high-quality educational experiences.
- Engaged in continuous professional development by integrating new teaching technologies and methodologies based on ongoing feedback, keeping educational practices current and effective.

## MEMBERSHIPS/AFFILIATIONS

Towson University, Towson, MD

**Software Engineering Club, Secretary**

October 2022 - May 2024

**Towson University Game Design Club, Member**

October 2022 - January 2023

**Robotics Club, Member**

October 2022 - January 2023

**Active Minds Club, Member**

October 2022 - January 2023

**Towson University Marching Band, Member**

August 2020 - December 2020