

Mouhamed Dia

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EDUCATION

Temple University, College of Engineering	Philadelphia, Pennsylvania
Bachelor of Science in Electronics and Computer Engineering	Graduation Expected: Fall 2028
Selected Courses: Introduction to Engineering, (Planned: Embedded Systems, Advanced Processor systems, Microelectronics)	
GPA: 4.0	
Enko Dakar International School	
IB Diploma	Dakar, Senegal
Higher Level Math and Physics, Standard level Computer Science	July 2024
IB Score: 28 GPA: 3.2	

RELEVANT EXPERIENCE AND PROJECTS

Temple University	Philadelphia, Pennsylvania
Portable Weather Station	September 2025
• Developing a sensor-based weather station from the ground up, combining circuit design, microcontroller integration, and embedded C programming.	
Enko Dakar International School	Dakar, Senegal
Computer Science Club – Co-Leader	October 2022 - June 2023
• Mentored students in computer science fundamentals and supported hardware/software troubleshooting in the school's computer lab. Experience checking out equipment and explaining technical concepts in simple terms.	
Full-Stack Web Project React and Node.js	December 2023 - April 2024
• Created a full-stack website for a client from scratch based on feedback. Handled both front-end interface and back-end logic in this school development project	
Harvard Young Leaders Program Remote	December 2022 - March 2023
• Collaborated with students from all over the world to find a solution for a fictional problem.	
• Demonstrated leadership skills by coordinating team efforts and completing tasks	

OTHER EXPERIENCE

Leelawal SARL	Dakar, Senegal
Software Developer apprenticeship	May 2024 - November 2024
• Designed and maintained a web suite for a family business. Gained hands-on experience in real-world software deployment and version control maintaining a user-friendly web suite.	

ACTIVITIES AND INTERESTS

- Tech-savvy Electronics and Computer Engineering student with hands-on experience in troubleshooting, software deployment, and hardware design ready to work with and help people. Passionate about emerging technologies. Self-taught in Python, React, and other web development tools. Currently expanding hardware-focused skills.
- Member of **Temple IEEE** and **Temple Formula racing**
- Working on obtaining an aircraft private pilot certificate.
- Dean's List Spring 2025, Recipient of Lebofsky Award for First-Year Writing

SKILLS

Programming: Python, HTML, CSS, JavaScript, React, Node.js, **Tools:** Microsoft Word, Excel,

PowerPoint Tech Support: Software installation, basic hardware troubleshooting

Language: Fluent in French and English