

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