

# Thandi Richard Menelas

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🌐 str1ke.codes

🔗 github.com/RealStr1ke

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## Education

**University of Central Florida**  
B.S. in Computer Science

Anticipated May 2028  
Orlando, FL

**Florida Atlantic University High School**  
High School Diploma — *Emphasis in Computer Science*

May 2025  
Boca Raton, FL

- Completed university coursework at FAU through dual enrollment

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## Technical Skills

**Languages:** TypeScript (primary), JavaScript, Java, Python, Go; *Learning Rust, C, C++, and C#*

**Tools & Platforms:** Git, Linux, VS Code, Raspberry Pi, Docker, Servers

**Other:** Bilingual in English and French; Articulate in Haitian Creole

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## Experience and Leadership

### Advanced Experimental Vehicles Club – Software Lead

Florida Atlantic University High School

2024  
Boca Raton, FL

- Led a software subteam to develop a dashboard for a solar-powered cruiser.
- Built telemetry and camera systems enabling remote pit crew monitoring.
- Helped team place **2nd in Cruiser Division at the 2024 Solar Car Challenge**.

### Coding Club – Founder & Leader

Florida Atlantic University High School

2023 - 2025  
Boca Raton, FL

- Founded and grew a coding club to 15+ members, hosting workshops and projects.
- Mentored peers in software development, preparing teams for hackathons.
- Led collaborative coding projects, fostering teamwork and technical growth.

### Technology & Programming Leader

Madie Ives K-8 Preparatory Academy

2016–2021  
Miami, FL

- Taught elementary students programming fundamentals using robotics.
- Introduced core CS concepts such as variables, conditionals, and pseudocode.
- Supported staff with technical issues and created websites for school initiatives.

### Teen Volunteer / Reading Buddy

Palm Beach County Library System

2022–2024

- Assisted the Children and Teen Services department with library events and book displays.
- Helped young children improve phonics and reading comprehension as a Reading Buddy.

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## Projects and Awards

**Schedulix** – Hackathon-winning course scheduling algorithm for university students;  
Best Advanced Hack @ NightHacks 2023

[Hackathon](#) | [GitHub](#)

**Byte** – Multipurpose Discord bot with moderation and utility commands

[GitHub](#)

**AEV Software** – Telemetry dashboard for our ALSET solar-powered cruiser; 2nd place  
in Cruiser Division at the 2024 Solar Car Challenge

[SCC](#) | [GitHub](#)

**Dotfiles** – My Linux configuration files and scripts for custom desktop and workflows

[Showcase](#) | [GitHub](#)