OM RAHEJA

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Education

West Windsor Plainsboro High School North   **Sep. 2022 – June 2026**
4.3 WGPA   *Plainsboro, NJ*
- Ranked 7th in Computer Problem Solving for Central Jersey at Future Business Leaders America (FBLA)
- Collected 100+ shoes and $150+ cash for FBLA's State Leadership Conference
- Serve as a lifeguard, providing pool safety by enforcing safety protocols and performing rescues

Experience

aquarc   **June 2024 – Present**
Chief Executive Officer   *Remote*
- Used Google Analytics to track 200+ weekly users, and beehiiv to track 45+ subscribers for the internship newsletter
- Lead a team of 10+ developers remotely to build all-in-one tools for high schoolers
- Co-authored Comprehensive Mental Health Support Act, co-sponsored by Sen. Burgess

AIOS Rutgers University   **May 2024 – Present**
Research Assistant   *New Brunswick, NJ*
- Wrote documentation, allowing greater accessiblity in others' contributions
- Co-authored AutoFlow, a agent workflow generation framework to break up complex prompts, publishing v2
- Presented to 20+ people at a Rutgers club to encourage agent development

codeabode   **April 2024 – Present**
Chief Executive Officer   *Plainsboro, NJ*
- Lead a team of 7+ to teach digital literacy through programming, making knowledge more accessible
- Taught 20+ students basic programming and thinking skills

StockSort Inc   **June 2024 – July 2024**
Co-Founder   *Remote*
- Co-founded a team of 6 to build an app that helps sort inventory
- Called 75+ leads, visited various shops in Princeton to promote and sell StockSort
- Created and pitched project to investors to raise funding

New Jersey Privacy Movement   **January 2024 – March 2024**
Founder   *Princeton, NJ*
- Wrote a petition on comprehensive privacy laws to access, modify, delete, or opt out of sale of user data
- Worked with Sen. Turner to draft a privacy bill on the issue
- Raised awareness at a Plainsboro Library Event

Projects

Integrate! | *Godot*   **July 2024**
- Wrote a game that uses physics and collisions to teach calculus through velocity, acceleration, etc
- Learned Apple Vision and Godot API

Fridge2Fit | *Node.js, Express, Axiom, Groq*   **May 2024**
- Deployed a full stack AI-powered app to turn pictures of fridges into potential healthy recipes
- Placed at HackMHS as a solo project

omOS | *C, x86 ASM, QEMU*   **February 2024**
- Worked with a team of 3 with no prior experience
- Wrote a standard C library and a VGA driver with keyboard handler
- Learned the difficulty of implementing several resources in OSes such as process management

Skills & Achievements

Languages: Python, Java, Go, C, C++, Rust, Swift, JavaScript, SQL
Technologies: PyTorch, React, git, NeoVim, Linux
Achievements: 2nd Nationals at AIxEducation, FBLA Excellence