

# Rondalph Taylor

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## EDUCATION

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### Rensselaer Polytechnic Institute

Troy, New York

B.S in Computer Science

Expected Graduation, Dec 2027

- **Technical Coursework:** Computer Science I, Data Structures, Intro to Electrical, Computer, and Systems Engineering
- **GPA:** 3.72

### Brooklyn Technical High School

Brooklyn, New York

Major in Software Engineering

- **GPA:** 4.0

## PROJECTS

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### Frontend Developer · [LingoBuddy](#) – AI Language Tutor

June 2025-July 2025

- Developed the frontend using React, Next.js, and Tailwind CSS, building dynamic components for real-time multilingual conversation flow and user interaction.
- Integrated OpenAI's GPT-4o for AI-generated dialogue, Whisper for speech-to-text, and ElevenLabs for voice synthesis, handling asynchronous API calls and playback.
- Collaborated with backend dev to synchronize audio streams and conversation history, optimizing for low-latency response and clean UI transitions.

### Fullstack Developer · [Mayhem](#) – Social challenge and content-sharing platform

May- 2025-July 2025

- Designed and developed *Mayhem*, a full-stack PERN web application
- Integrated Supabase PostgreSQL, secure JWT and Google OAuth authentication
- Optimized RESTful APIs to enable scalable user content management and interactive features.

## EXPERIENCE

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### Rescu Wellness

Scarsdale, New York

Volunteer→Employee

Jan 2022– Current

- Helped clean and operate basic machinery including red light therapy, pulsed electromagnetic therapy, and emsculpt
- Answered Customer Sales Calls
- Led Division 1-3 athletes in mobility, stretching and strength workouts.
- Designed posters with qr codes that reached 100+ people

### Web 3.0 BootCamp

Brooklyn, New York

Student

Work based Learning

July 2023– Aug 2023

- Learned about Web 3.0 and its use cases, involving crypto currency NFTs and general economics
- Came up with ways that the technology could be implemented into a school environment

## ACTIVITIES

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### RPI Club Basketball

Secretary

Sept 2024- now

- Manage team communications (email, group chat), design social media content, posters, and merchandise, boosting team visibility and engagement.
- Organize schedules and announcements, applying teamwork, collaboration, and dedication learned from competitive basketball to support team success.
- Lead creative projects and logistics for promotional materials, balancing design skills with strong coordination and work ethic.

## SKILLS

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**Programming:** Java, Python, JavaScript/HTML/CSS, SQL,C++,R, Git, React, typescript

**Soft Skills:** Communication, Conflict Resolution, Teamwork, Leadership, Time Management, Multitasking