

# Harrison Tun

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## EDUCATION

Tufts University – Medford, Ma

Expected: 2027

*Bachelor of Science in Computer Science*

*Relevant course work: Machine Structure and Assembly Programming, Discrete Mathematics, Data Structures*

## PROFESSIONAL EXPERIENCE

NEARStudios - Remote

April 2025

*Software Developer Intern*

- Built a CSV parser and Discord bot to support Kickstarter backers for the game's launch.

Triple Net Investment Group - Rockville, MD

May 2025

*Intern*

- Improved the website and built a Google-powered top 10 news search.

Avenel Swim Club – Potomac, MD

May 2024

*Assistant Head Coach*

- Planned workouts, refined swimmers' technique, mentored athletes.

Engineers Without Borders - Medford, MA

Jan. 2025 – Pres.

*Tech Group Lead*

- Led WISH, creating a MongoDB database to monitor a water tank's levels in Makwelani, Malawi.

## PROJECTS

CSV to Discord (Python)

May 2025

- Developed a pipeline that parses Kickstarter backer CSVs, generates personalized one-time Discord invite links, and uses a Discord bot to auto-assign roles based on donation tiers.

Smart Brain (React, JavaScript, HTML, CSS)

August 2025

- A fully developed web app that uses a facial recognition API to recognize faces in any provided photo.

File Search Engine (C++)

December 2024

- Designed and implemented a C++ program to replicate and enhance the functionality of the Unix grep command.

## SKILLS

**Programming languages:** C/C++, Python, HTML, JavaScript, Tailwind CSS/CSS, x86 Assembly

**Computer software/ frameworks:** Git/GitHub, React, Microsoft Office Tools, Mac OS

**Languages:** English, Cantonese, Spanish