

Mohamed Walid Khettab

mwkhettab@gmail.com | mwkhettab.vercel.app | github.com/mwkhettab

Education

The Ohio State University – Academy Student Aug 2025 – Present

- Dual-enrolled in university-level coursework including Calculus I, Fundamentals of Engineering, Software I: Software Components, and Engineering Mathematics A.

Dublin Scioto High School – High School Student Aug 2022 – Present

- GPA: 4.3 (Weighted). Coursework in AP Computer Science A, AP Computer Science Principles, and AP Physics 1.

Experience

Tech Intern, Dublin City Schools – Dublin, OH May 2025 – Nov 2025

- Built and maintained full-stack web applications using React and Google Apps Script to automate district workflows and improve staff productivity.
- Optimized production UI performance and implemented scalable, secure solutions that enhanced reliability and speed across multiple systems.
- Developed internal tools and automation scripts that eliminated repetitive administrative work and supported data-driven decision-making.

Projects

Darija Translator darija-translator.vercel.app

- Built a responsive Darija translation platform with Svelte and FastAPI, fine-tuning a custom Darija↔English AI model and supporting translation across 27 languages, deployed securely on a self-hosted VPS via Docker.

Scioto Football sciotofootball.com

- Developed and maintained a responsive website for the Scioto football program serving 300+ recurring users. Built with Next.js and TailwindCSS, featuring a secure backend and scalable deployment.

FoodLens github.com/mwkhettab/foodlens

- Built an AI-powered food recognition and nutrition analysis app for iOS that won 1st place at TECHCORPShack 2025. Developed with Swift and FastAPI, delivering real-time insights via a secure, scalable backend.

Extracurriculars

- **Founder, Scioto Tech & AI Club** - Lead programming and AI workshops for 50+ high school students, mentoring peers in web development, machine learning, and robotics projects.
- **Founder, ScholarSpirit Club** - Organize fundraisers and community supply drives, providing resources to underserved students and raising awareness for education equity in Dublin, Ohio.
- **Robotics Team Member** - Designed, built, and programmed competitive FRC robots; contributed to team strategy and participated in regional and international competitions.

Achievements

- **3rd Place, HackOH/IO 2025** (250+ collegiate teams)
- **1st Place, JPMorgan Chase GenerationTech 2024**
- **1st Place – TECHCORPShack 2024** (TECH CORPS statewide hackathon)
- **Social Impact Award – OH/IO High School I/O 2024**
- **1st Place - TECHCORPShack 2025** (TECH CORPS statewide hackathon)
- **Competitor & Programmer, FIRST Robotics Competition** (International Championship)
- **Dublin Chamber of Commerce Community Champion Award** (2025)
- **Letters of Recognition** from Ohio State Senate, Columbus City Council, and Franklin County Board of Commissioners
- **High School Honor Roll** (4.3 GPA)

Skills

Languages: Python, JavaScript, TypeScript, Swift, Dart, Java, Go, C, C++, SQL, Bash, PowerShell

Tools/Frameworks: React, Next.js, Node.js, Express, Django/FastAPI, Flutter, AWS, Docker, Databases (+ others)