

# Mahad S. Khan

301-266-9768 | [mahadsuhaibkhan@gmail.com](mailto:mahadsuhaibkhan@gmail.com) | [www.linkedin.com/in/mahad-skhan/](https://www.linkedin.com/in/mahad-skhan/)

## EDUCATION

### University of Maryland

Bachelor of Information Science

GPA: 3.6 / 4.0 | Awards: Dean's List

Courses: Dynamic Web Applications, Database Design, UX Design, Computer Architecture

College Park, MD

Expected May 2026

## WORK EXPERIENCE

### The Wills Group

Software Engineering Intern III

La Plata, MD

Jun. 2025 – Present

- Engineered a responsive internal showcase website using React.js and Tailwind CSS, hosted via Vercel to highlight intern contributions, achieving **99%** uptime and cross-device optimization.
- Secured POS infrastructure by deploying and configuring **+15** TLS certificates, supporting PCI compliance.
- Prototyping engagement features for a Flutter-based IOS loyalty app with the aim to drive user retention and active users.

### The Wills Group

Software Engineering Intern II (Return Offer Extended)

La Plata, MD

Jun. 2024 – Aug. 2024

- Upgraded network infrastructure at **8+** sites by deploying and staging Meraki MX67 firewalls and MS120 Layer 2 switches, setting firewall rules, and ensuring HQ connectivity via the Meraki Portal.
- Spearheaded an initiative to configure and install **45+** BOHA devices across **25+** stores in under 2 weeks, reducing site setup time by **15%** and enhancing kitchen operations across the region.

### The Wills Group

Software Engineering Intern I (Return Offer Extended)

La Plata, MD

Jun. 2023 – Aug. 2023

- Delivered technical support resolving **40+** hardware and software issues for **250+** employees, saving **\$2500+** in downtime costs and maintaining high user satisfaction.
- Streamlined back-office PC deployment and set up for **3** sites using a pre-built Windows Image, cutting configuration time by **50%** and creating comprehensive documentation for future staff.

### ReMax One

Data Science Intern

La Plata, MD

Jun. 2022 – Sept. 2022

- Designed and scaled a MySQL database schema, replacing existing Excel-based tracking, for **150+** clients and **200+** properties, cutting query time by **65%** through B-tree indexing and schema design.
- Refactored legacy data using ER modeling and SQL scripts, improving data integrity and reducing manual reporting time by **40%**.

## PROJECTS

**PoliView** — React.js, Next.js, TypeScript | Supabase | Vercel | Congress.gov API, Axios, Framer

May 2025

- Built a legislative tracking platform using React.js, Supabase, and the Congress.gov API, enabling users to stay informed on vital U.S. legislation.

**Flame** — React.js, Next.js, TypeScript | Firebase | Vercel | OpenAI (DALL-E), Axios, Tailwind CSS

Oct. 2024

- Developed an AI-powered thumbnail generator for creatives using OpenAI's DALL-E, with Firebase Authentication and a response UI via Tailwind CSS, deployed on Vercel.

**QuranQuest** — HTML, CSS, JavaScript | Flask (Python)

Dec. 2023

- Designed and implemented an educational web-app with Flask and JavaScript, used by **60+** students at a local mosque during winter break.

**EnchantmentPLUS** — Java | Forge API, Spigot API | Blockbench, GIMP

Aug. 2023

- Programmed a Minecraft mod that revamped the enchantment system using Java and the Forge API, deployed on a multiplayer server with **100+** peak users.

## TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Java, SQL, C/C++, R, Bash

Libraries/Frameworks: React.js, Next.js, Node.js, Express.js, Flask, WebSocket

Databases & Cloud: MySQL, Supabase, MongoDB, Vercel, Firebase