

# Hadi Khan

Computer Scientist

Portfolio: [hadi-khan.com](https://hadi-khan.com)

GitHub: [github.com/Hadookhan](https://github.com/Hadookhan)

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## Personal Profile

Motivated Computer Science undergraduate with experience in Python, C#, and React, and a strong focus on AI/ML. Experienced in building full-stack applications, automation tools, and ML programs. Seeking an entry-level or internship role in software engineering or data/AI engineering.

## Education

### BSc – Computer Science

Award: Predicted High 1st

### MMU

(2023-2027)

### A-Level – (1) Computer Science, (2) Graphic Design, (3) IT

### Holy Cross College

(2021-2023)

### GCSE

### Parrenthorn High School

(2016-2021)

## Experience and Shipped Projects

### Chatbot App

Download: [Download Link](#)

Source Code: <https://github.com/Hadookhan/chat-bot-app>

### Personal Project

(2025)

- Programmed backend API's using Flask.
- Stores user data in Postgres database + Redis for cached data.
- Uses AWS to host API using public DNS.
- Uses AWS to scale containerized servers.
- Enabled GUI using C# forms.

### File Organiser

Download: [Download Link](#)

Source Code: <https://www.github.com/Hadookhan/FileOrganizer>

### Personal Project

(2025)

- Developed a tool that automatically sorts and categorises files on a system.
- Prompts user in a menu driven interface.

### Network Intelligence

Download: [Download Link](#)

Source Code: <https://github.com/Hadookhan/Network-intelligence>

### Personal Project

(2026)

- Built a simulation of a wide area network.
  - Calculated metrics using traversal algorithms.
  - Use a regressive model to predict network resilience.
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## Technical Proficiencies

▪ Python	5 years of experience (Preferred language).
▪ Golang	1 year of experience.
▪ JavaScript/React	1 year of experience.
▪ C# (.NET)	1 year of experience (Learned at University).
▪ Java	1 year of experience (Learned at University).
▪ Git/Linux	2 years of experience (Used for GitHub workflows).
▪ Docker/CICD	1 year of experience.

## Personal Interests

**Artificial Intelligence** – Currently enrolled in the **edX HarvardX CS50's Introduction to Artificial Intelligence with Python** course.

**Programming** – long-term experience across multiple languages.

**Tech (Hardware)** – Studying for the **CompTIA A+** exam.

**Mathematics** – Studied from **MIT OCW 18.01, 18.02** and **18.06**.

**Chess** – Competitive player since 2019.

If you have any questions, please contact me via email.

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## Additional Information

Full UK driving license.  
Certified First Aider.

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## References

**Nayab Rana** | **Contact:** [nayab.rana@barclays.com](mailto:nayab.rana@barclays.com)

JavaScript Engineer – Barclays Bank

**Oluwaseun Ajao** | **Contact:** [s.ajao@mmu.ac.uk](mailto:s.ajao@mmu.ac.uk)

Associate Professor in Data Science & AI – Manchester Metropolitan University