

# Maulik Shetty

📍 Edinburgh, United Kingdom    ✉️ maulikshetty@gmail.com    🌐 maulik.sh    in maulikshetty  
🔗 maulikshetty

## About Me

My Interests are currently in machine learning, cyber security and web development. Currently working with machine learning algorithms and sentimental analysis tools for a research project. As a fourth year computer science student, I have strong background in web development, logical and critical thinking, and currently improving and working on cloud deployment and hosting full stack applications.

## Education

**Heriot-Watt University (HWU)**, Edinburgh, United Kingdom *Sept 2021 – Present*  
Bachelor of Science in (Hons) in Computer Science

- Completed Year 1 to 3 in Dubai - Transferred to HWU UK Campus for final year
- Currently doing a research project for predicting stock market trends using sentimental analysis (SA) on X (formerly Twitter) data

**The Indian High School (IHS)**, Dubai, United Arab Emirates *Apr 2008 – Mar 2021*  
High School Diploma

- Graduated High School in Business, Accounting, Economics and Computer Science

## Experience

**Lab Demonstrator — Teaching Assistant** *Heriot-Watt University, Edinburgh* *Sep 2024 – Present*

- Lab Assistant for Data Communications and Networking Module
- Grading and assisting students with GNS3 and computer networking

**Low Code Intern** *Sharaf DG - UAE Head Quarters* *Jun 2023 – Sep 2023*

- Wrote documentation that clearly and concisely described the technical architecture of the application.
- Supported application development and resolved issues by collaborating with outsourced developers.
- Assisted in troubleshooting and brainstorming new application features planned ahead

## Awards

**TDRA / UAE Hackathon - Zayed University** *Dubai, United Arab Emirates* *Feb 2023 – Mar 2023*

- Designed and pitched a web application for startups and venture capitals - providing company insights from startups to established businesses
- Received extraordinary participation certificate

**Deputy Principal Award - Heriot-Watt University** *Dubai, United Arab Emirates* *Aug 2022*

- Received Deputy Principal Award for achieving an A in at least 6 modules for one year

## Projects

**Web Browser Based on C#** [github](#) 

- Description: Designed and implemented a web browser using C#, with features like HTTP request handling, history management, favorites, and a simple GUI.

**Barcode Scanner - Terminal Based** [github](#) 

- Description: Using python libraries such as opencv, zxing to detect barcodes in real time from the live camera feed and return the product details.

## Weather Application - Web Based

[github](#) 

- Description: Using Django, a python web framework to display weather of the current location and countries all around the world.

## Skills

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**Languages:** Python, Java, C#

**Technologies:** Vim, GNU Nano, AWS, Jupyter, SQL, Git, Linux, .NET

**Soft Skills:** Tensorflow, Pytorch, Scikit-Learn, LaTeX