

# Talib Hossain

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## Education

<b>Cardiff University (UK), MSc data science</b>	<i>Sep 2024 – Sep 2025 (expected)</i>
<ul style="list-style-type: none"><li>Web-scraping, NLPs, defining functions</li><li>Extracting and cleaning data to create insightful visualizations</li></ul>	
<b>Loughborough University (UK), BEng bioengineering</b>	<i>Oct 2020 – Jul 2024</i>
<ul style="list-style-type: none"><li>2<sup>nd</sup> class honours</li><li>Data analysis in MS Excel and MATLAB</li></ul>	
<b>Al Shomoukh International School (Oman)</b>	<i>Sep 2018 – Jul 2020</i>
<ul style="list-style-type: none"><li>A-levels: Maths (B), Chemistry (B), Biology (C)</li></ul>	
<b>Fairfield High School (UK)</b>	<i>Sep 2016 – Jul 2018</i>
<ul style="list-style-type: none"><li>GCSEs: 11 GCSEs including Maths and English</li></ul>	

## Relevant Experience

<b>Student Ambassador, Loughborough University</b>	<i>Sep 2022 – Jun 2023</i>
<ul style="list-style-type: none"><li>Welcomed and guided over 100 prospective students during campus tours for the AACME faculty and general university events.</li><li>Represented the prestigious university for multiple events providing guidance and assistance to all prospective students.</li><li>Assisted in organizing events, creating a welcoming atmosphere for new applicants.</li></ul>	
<b>Engineering Intern, Loughborough University</b>	<i>Jun 2022 – Sep 2022</i>
<ul style="list-style-type: none"><li>Aided lecturers to increase learning productivity.</li><li>Utilised software like NI Multisim to show how to enhance teaching methods.</li><li>Contributed to research in neuromuscular stimulation, gathering data on reaction rates in trained vs. untrained groups.</li></ul>	
<b>IT Assistant, Silvercloud LTD (London)</b>	<i>Jul 2021 – Jun 2023</i>
<ul style="list-style-type: none"><li>Assisted in the replacement of electronic appliances in schools and offices.</li><li>Enhanced technology setup in educational facilities by installing and maintaining projectors, speakers, and smartboards.</li><li>Reformatted computers, aided in wiring and trunking.</li></ul>	

## Skills

**Programming:** Data related: Python, MATLAB, R, SQL. Website related: CSS, JavaScript, HTML

**Software Competency:** Siemens NX, NI Multisim, Simul8, Vensim, MS Office, DB Browser, Power BI

**Languages:** English, Bengali (speaking)

### Awards and certifications:

- IBM PY0101EN (Python in Data Science; pandas, NumPy, and other tools for data visualisation)
- Bright Network Couch to Coder (Python, HTML, CSS, Java; web design and data handling)
- Model United Nations: the role of delegate for Venezuela
- Duke Of Edinburgh (bronze): voluntary work, skill work and physical work.

### Roles of responsibility:

- Course rep (Cardiff School of Computer Science & Informatics)
- Student ambassador (School of AACME, Loughborough University)