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(LinkedIn)

www.sakib56.github.io
(Personal Website)

github.com/Sakib56
(Portfolio)

Top Skills

Data Science
Python
JavaScript
Java
Haskell
SQL
MATLAB
C/C++
C#
Video Editing

Soft Skills

Management
Teamwork
Flexibility
Quick Learner
Confidence
Problem Solving

Sakib Ahamed

Penultimate Year (MInf) Master of Informatics Student,
The University of Edinburgh

Summary

I am a penultimate year MInf student focused on Artificial Intelligence and software engineering. This will give me the potential to have a positive impact on society. I am conducting my honours project on AI Vision for Social Good: Detection of DeepFakes. I have prior experience in fintech and networking software. I have strong knowledge of the software development cycle, and proficiency in multiple programming languages. I work well under pressure, in teams, with a love for mathematics and problem solving. In my own time, I work on projects such as breast cancer detection with machine learning algorithms.

Education

The University of Edinburgh

Master of Informatics - MInf, Artificial Intelligence (First-Class Honours)
(2017 - 2022)

- Edinburgh Award for Global Insights Week (Singapore)

  I was selected for a competitive fully funded program to explore different career paths through the experiences of alumni in Asia.

- Noteworthy Courses:

  Computer Security (100%)

  Foundations of Natural Language Processing (96%)

  Data and Analysis (82%)

- Societies and Activities:

  Skydiving Society (Committee: Lead Social Secretary)

  CompSoc (Computer Science Society)

  EUAC Beginner's Archery Team

The Royal High School
(2011 - 2017)

- Scottish Highers – AAAABC
  incl. As at Maths, Physics and English

- Dux of Mathematics Award

- James H Scott Award for Mathematics

Work Experience

School of Informatics (NetAI), University of Edinburgh
Software Quality Assurance Engineer
October 2020 – Present (6 month)
Edinburgh, Scotland, United Kingdom

NetAI uses Deep Learning to achieve Intelligent Network Slicing for 5G. I am responsible for monitoring, analysing, and testing software in order to ensure quality, via unit-testing the API to verify payloads, performance / response time, etc. I also help with ML, this includes pre-processing training data, data visualisation and analytics (using TypeScript, Nivo, React)

Eczamine
Machine Learning Engineer
September 2020 – Present (7 month)
London, England, United Kingdom (Remote)

Eczamine's app assesses the severity of eczema using AI. I focus on machine learning. This includes exploratory analysis (e.g. understanding spatio-temporal correlations and bias in the data), as well as training, validating, and testing of different deep learning models (mostly CNN transfer learning) and benchmarking models against pre-existing state-of-the-art solutions.

Allatus Ltd
Software Engineer
September 2018 – July 2020 (1 year 11 months)
Edinburgh, Scotland, United Kingdom

Enhancing Allatus' FinTech web applications using JavaScript & Elasticsearch with the Dojo Toolkit. I worked developing front-end features, and fixing bugs. I also spend time applying machine learning algorithms (NLP) to improve data capture & business intelligence and migrating to work on the back-end using C# and SQL databases

Software Engineering Intern
May 2018 - September 2018 (5 months)
Edinburgh, Scotland, United Kingdom

Before being taken on as a full-time developer, I was selected for an internship with the software team.

Amazon
Event Assistant
May 2017 (1 month)
Edinburgh, Scotland, United Kingdom

I took part in an Amazon technology showcase, involving AWS talks and Alexa demonstrations. I worked on networking and teamwork, as many tasks involved arranging the catering services and directing large groups of business delegates. I also had the chance to be a host and represent the company, which allowed me to further improve my interpersonal skills.