Pranjal Shukla

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Education

The University Of Edinburgh, Scotland, UK	September 2022 - May 2027

Integrated M. Eng (Hons.) Electronics with Computer Science **[1st Class : 73%]**

D.P.S.R.K.Puram, Delhi, India	June 2017 - May 2022

Secondary and High School **[1st Class : 91.7%]**

IELTS - [7.5 band]	October 2021

Work Experience

**Tech Mahindra Makers Lab	Pune, India**	July 2023 - September 2023

SWE Intern
- Worked on improving the Forums and Q&A website's UI using ReactJS and TailWind.
- Help make a small chat/helper AI for real-time questions and queries using the same framework Django, ReactJS and TailWind.
- Learned a lot about Git Version Control and Python libraries during the training week.

**Alliance Digitech	Noida, India**	May 2022 - July 2022

Web Development Intern
- Worked on improvement of the current company website using the framework - NodeJS and ReactJS.
- Gained some knowledge in CSS, HTML, JavaScript and their frameworks as a part of the learning week.

Projects

Text Summarizer	July 2024 - present

- Used PyTorch to make a text summarizer..
- The implementation uses the concept of Transformers, RNN, LSTM and attention blocks to accurately summarize the text.
- The website is currently under progress using frameworks like - ReactJS, NodeJS, TailwindCSS.

AI ChatBot
- Used Python with a Translator API by Microsoft as a Backend for all the translation	February 2024

- Used Flask to establish connection between frontend and Backend.
- Used ReactJS to make a ChatBot for frontend.

Optibook Trading Algorithm	March 2024

- Used an in-built web version of VS Code to make algorithms for trading dummy stocks on a simulator to maximize PnL.
- Used an external sentiment analysis library called text blob to reflect the current news on our trading algorithm.
- Basic model of linear regression to make fair trades based on calculation of weighted standard deviation and mean.

Leadership Experience

- AIESEC iGT Team Leader	January 2023 - present

- As the team Lead I have conducted Action spaces where we contact companies to form potential partnerships with various companies.

- Vice-Prefect - I was the vice-prefect of the school during my 11th/12th standard.	May 2021 - March 2022
- NGO Teaching - taught Math and English to secondary school students via the NGO RAHI.	June 2022 - July 2022

Technical Skills

Proficient - Java , Haskell, Python (NumPy, PyTorch, MatPlotLib, Pandas) , HTML, MIPS Assembly, C, JavaScript(ReactJS, NodeJS), LTSpice, CSS, MS Office,Tailwind CSS, LaTex

Intermediate - SQL, CAD 3D modeling, MatLab, STM32 CubeIDE