



JUI ACHARJEE PINKY

DATA
ANALYST
&
MACHINE
LEARNING
SPECIALIST

PORTFOLIO

LINKEDIN

GITHUB

LANGUAGES

- English - Fluent
- Finnish - Intermediate
- Bangla - Native
- Hindi - Intermediate

PROFILE

Jui is a multitasking IT professional with strengths in Data Analysis, Mobile Development, IoT, and Cyber Security. As a result of her Master's degree, Jui has a strong command of Mathematics and Statistics that provide a solid foundation for her current and future talents. In her work, Jui is passionate about finding new ways to overcome challenges with data.

RECENT PROJECTS

Big Data Analysis Project using The UK Housing Price Dataset

BeautifulSoup, Data Cleaning, Tiding

In this group project, the UK's housing prices were analysed. Because the dataset was relatively large, Dask was employed to handle the big data analysis while simultaneously achieving faster code with lower memory used. As a result, the findings in this project can be used as the supporting basis for real estate agency/home buyers' decision-making process.

Line Following Zumo Robot

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In this group project, the aim was to program the Zumo Robot so that it could follow the predefined line automatically in a fast and sufficient manner. As a result, the robot was able to pursue the line swiftly and reached the finish line effortlessly. Additionally, the project outcome can be used as the premise for further projects in robot/smart device development.

Head & Tail Coin Flipping Game Development

JavaScript

A heads-and-tails coin flipping game built to showcase abilities related to working with JavaScript.

SKILLS

Programming Languages: C, C++, Java, JavaScript, Python.

Data Analysis: NumPy, Pandas.

Data Visualization: Matplotlib, Plotly, Seaborn.

Other: Cyber Security / IT Security, IoT & Networking, Mobiles Application Development, Smart Devices.

EXPERIENCE

Data Analyst & Machine Learning Specialist

Integrify | Helsinki, Finland | October 2020 - Present

- Demonstrated advanced proficiency in programming with Python and Object-Oriented Programming.
- Performed Data Analysis and Data Visualization on diverse and complex datasets.
- Worked with APIs and performed Web Scraping to create new datasets.
- Managed databases with SQL and PostgreSQL.
- Developed Machine Learning applications with supervised, semi-supervised, and unsupervised algorithms, and delved into Deep Learning and Computer Vision.
- Handled Continuous Integration and Continuous Deployment (CI/CD) of Machine Learning Models with GitHub Actions and Docker.
- Built web-based applications with Python and Streamlit to host Machine Learning models.

Teacher

Scholarshome Girls School and College | Sylhet, Bangladesh | January 2013 - April 2016

- High School Mathematics Teacher

EDUCATION

B.Eng. in Information Technology

Metropolia UAS | Espoo, Finland | September 2019 - Present

M.Sc. in Mathematics

Shahjalal University of Science and Technology | Sylhet, Bangladesh | September 2006 - May 2013