

Pranesh Mukhopadhyay

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Skills

Expert: Python (Pandas), R, Java, Latex, Git/Terminal, VSCode/IntelliJ, Data Analysis/Visualization

Proficient: C, SQL, HTML (Liquid), CSS, JavaScript (React), Azure/AWS, WordPress, Machine Learning

Novice Swift, Android Studio, Typescript, Spark, MATLAB (CVX), Stata, Electron, AutoDesk Inventor

Education

St. Xavier's College

Kolkata, WB

Masters in Computer Science (MSc) – University of Calcutta – 3.98 GPA

2018–2020

Coursework: Data Structures/Algorithms, Artificial Intelligence, Database Management Systems, etc.

Activities: Voyager Consulting, Debate Society of Berkeley, Computer Science Mentors, Daily Californian, UPE

Asutosh College

Kolkata, WB

Bachelors in Computer Science (BSc) – University of Calcutta – 3.98 GPA

2014–2018

Coursework: Data Structures/Algorithms, Computer Architecture, Computer Graphics, etc.

Experience

Spiritzone

Navi Mumbai, MH

Consultant - Data Engineering

Jun 2021–Aug 2021

- Design and develop a scalable, serverless tool to notify customers of service issues with a flexible API and CLI
- Rapidly test and iterate in an agile workflow, using Java/Typescript and AWS services (CDK/SQS/Lambda)

Quosphere

Navi Mumbai, MH

Software Development Engineer Intern

Jun 2021–Aug 2021

- Design and develop a scalable, serverless tool to notify customers of service issues with a flexible API and CLI
- Rapidly test and iterate in an agile workflow, using Java/Typescript and AWS services (CDK/SQS/Lambda)

Projects

Spiritzone product recommender system

Dec 2019–Apr 2021

- Compiled a novel COVID-19 dataset using Census, NYT, JHU, DOT, and election data for 3,111 counties
- Published article detailing the relationship between political affiliation and COVID-19 via multiple regression

Spiritzone Search API

Dec 2019–Apr 2021

- Compiled a novel COVID-19 dataset using Census, NYT, JHU, DOT, and election data for 3,111 counties
- Published article detailing the relationship between political affiliation and COVID-19 via multiple regression

RestDF

Dec 2019–Apr 2021

- Compiled a novel COVID-19 dataset using Census, NYT, JHU, DOT, and election data for 3,111 counties
- Published article detailing the relationship between political affiliation and COVID-19 via multiple regression

Certifications

Stanford - Machine Learning

Dec 2019–Apr 2021

Course conductor: **Andrew Ng**

- Compiled a novel COVID-19 dataset using Census, NYT, JHU, DOT, and election data for 3,111 counties
- Published article detailing the relationship between political affiliation and COVID-19 via multiple regression