

Bhairavi Muralidharan

DATA SCIENCE

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SKILLS

Programming Python, Java, SQL, R, C, JavaScript, HTML

Tools Git, Weights and Biases, Jira, Taiga, OpenProject, Linear, Notion

WORK EXPERIENCE

University of Pennsylvania

Philadelphia, PA

Graduate Teaching Assistant: CIT 582 - Blockchain and Cryptography

Aug 2021 - Dec 2021

- Teach and manage students enrolled in the MCIT program for CIT 582
- Serve as the point of contact for questions about the material, homework, lectures and mainly help troubleshoot errors in their Python code

iQGateway

Bangalore, IND

Associate Data Scientist

Jul 2020 - Aug 2021

- Conducted research on building Automated Machine Learning approaches that include pipeline automation and patented model evaluation based on multiple metrics - which attributed to building a modular feature transformation library in Python
- Optimised MLOps workflow to enable easy transition from model development to inference for production environments
- Implemented novel data driven solutions based on data related to Education services – Report Generation and Data visualization with High-charts and JavaScript

Talerang

Bangalore, IND

Web Design Intern

Dec 2018 - Mar 2019

- Improved and redesigned the Online Portal by restructuring content while understanding User Experience principles which improved content engagement by 15%
- Customized the front-end using HTML, CSS and PHP
- Added responsibility: **City Chapter President – Bangalore**, overseeing all Chapter Presidents that come under Bangalore city: Hosted multiple public awareness events where I honed my leadership skills and connected with people from different backgrounds.

Hitachi Payment Services

Mumbai, IND

Data Analyst Intern

Apr 2018 - May 2018

- Collaborated with the Business Finance team to perform data surgeries, this led to the automation of monthly and yearly analysis
- Structured and revamped the analysis using MS Excel
- Analysed data on the transactions of ATMs spread across India, and came up with a profit/loss tabulation

EDUCATION

University Of Pennsylvania

Philadelphia, PA

Master of Science in Engineering: Data Science

Aug 2021 - May 2023

- Courses Fall 2021: Machine Learning, Computational Linguistics, Statistics for Data Science

Christ University

Bangalore, IND

Bachelor of Science: Computer Science, Mathematics, Statistics

Jun 2017 - May 2020

- **GPA: 3.85**

Co/Extra-Curricular

- Stood 3rd at an 'Introduction to Machine Learning' workshop held by IIT Hyderabad
- Passed the Trinity Grade IV Exam: Rock & Pop Electric Guitar with merit
- Selected to be a part of the Deanery Level Student Council - Christ University - Science