

# Bhairavi Muralidharan

DATA SCIENCE

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## SKILLS

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

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

## WORK EXPERIENCE

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### University of Pennsylvania

Philadelphia, PA

**Graduate Teaching Assistant: CIT 591 - Intro to Software Development, CIT 582 - Blockchain and**

Aug 2021 - Dec 2021

#### Cryptography

- Teach and manage students enrolled in the MCIT program for CIT 591 and CIT 582
- Serve as the point of contact for questions about the material, homework, lectures and mainly help troubleshoot errors in their Python and Java 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 2019

- 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

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### 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
- Courses Spring 2022: Deep Learning, Advanced Data Ethics, Big Data Analytics

### Christ University

Bangalore, IND

Bachelor of Science: Computer Science, Mathematics, Statistics

Jun 2017 - May 2020

- **GPA: 3.85**

## Co/Extra-Curricular

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- 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