

KASHISH KHARBANDA

(404) 518-0072 kashishkhar@gmail.com

linkedin.com/in/kashishk/

kashishkhar.github.io/profile/

Skills

Professional

Willingness to learn ■■■■■
Leadership ■■■■
Communication ■■■■■
Bias for action ■■■■■

Technical

Python ■■■■■
Java ■■■■
C++ ■■■■
Ruby ■■■■■
Git ■■■■■
Pandas, Numpy ■■■■■
Sci-kit, Seaborn, Matplotlib ■■■■
Data queries in SQL/SQLite ■■■■
ML algorithms in PySpark ■■■■

Education

University of California, Berkeley

Aug 2019 - Dec 2022

B.A. Data Science + EECS (Electrical Engineering & Computer Science)
+ Tech Entrepreneurship certification

Relevant coursework:

- Interpretation of Computer Programs
- Data Structures
- Foundations of Data Science
- Introduction to AI/ML
- Principles/Techniques of Data Science
- Designing Information Devices and Systems (I & II)
- Computer Security
- Introduction to Database Systems
- Efficient Algorithms and Intractable Problems
- Product Management

Organization involvement:

- Undergrad Lab @ Berkeley [Data Science Director]
- FEMtech [Outreach Committee]
- Opportunity Through Data [External Events & Partnerships Lead]
- Data Science Society [Member]

Activities & Awards

Google NCWIT

Award recipient

Mobile Application Dev

Top 15, FBLA National Level Conference

University Laboratory @ Berkeley

Director of Data Science Research

Girls Who Code

Volunteer and Tutor

Experience

GPU Software Developer

Intel Corporation

February 2023-present

Part of the core AXG (Accelerated Computing Systems and Graphics) team. Developing Graphics Processing Unit (GPU) software device model for high performance computing, using primarily C++, Ruby, and XML. Working on simulation & emulation software to develop and test features for Intel's next generation GPU pre-silicon. Enhancing and debugging validation framework APIs in order to implement GPU validation tests.

Software & Machine Learning Engineer

T-Mobile

May 2021-August 2022

Year 1: Built a web app to operationalize the process of generating a Model Performance report for any ML model. Deployed it for T-Mobile's biggest Data Science company-wide hackathon with 500+ participants and over 30 teams

Year 2: Took customer data and generated ML models for business use cases.

***Worked here as an intern during summers, and part-time during school year.*

Artificial Intelligence Intern

Microsoft Corporation

Jun 2019-Aug 2019

Used Python and SQL to solve data drift in ML models (unexpected change of data overtime) and addressed the resulting model accuracy degradation.

Data Science Intern

Microsoft Corporation

Jun 2018-Aug 2018

Worked on a Data Migration project to predict the best Azure SQL Database SKU for an on-premises database; used Python, C#, PostgreSQL.

Extracurriculars

Data Science Research Director

Undergrad Laboratory @ Berkeley

Sep 2020-Dec 2022

Responsible for leading and mentoring the Data Science undergraduate lab at UC Berkeley, consisting of more than 60 researcher students.

Software Development Intern

UC Berkeley Division of Computing & Data Science

Jan 2021-May 2021

Iteratively developed open source code & maintained infrastructural reliability for autograding software used for tech classes at UC Berkeley & other schools.

Business Development Intern

Berkeley SkyDeck Startup Accelerator

Dec 2020-May 2021

Worked with 200+ bay area startups at Berkeley's biggest startup incubator to provide them with opportunities at Fortune 100 companies by pitching and selling their value proposition.

Course Assistant – INDENG 190E/290

UC Berkeley Center for Entrepreneurship & Tech

Jan 2021-May 2021

Worked with the professor to lead a venture project class at UC Berkeley of 40+ undergraduate & graduate students. Leveraged emerging technologies to deliver innovative MVPs of startup projects.

Projects

Stock Market Prediction

Dec 2021

Used a 64-feature OHLC stock market dataset for 10 NASDAQ-100 companies to extract technical indicators to predict stock market trends.

Facial Detection

Jun 2020

Learned about Computer Vision and utilized Machine Learning based Haar Cascade classifiers with Adaboost to identify human facial features.

Inclusive Meeting

Jul 2019

Used Natural Language Processing and Sentiment Analysis to develop a model that renders a wholistic team meeting feedback report.