KASHISH KHARBANDA

A self-driven digital native carrying a high level of enthusiasm for Information Technology and Entrepreneurship. Well-versed with Computer Science and Data Science principles. Growth minded with a vision to create an impact using emerging technologies. Looking for opportunities that leverage strong leadership and collaborative skills!

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Skills

Professional

Leadership	■■■■□
Willingness to learn	■■■■■
Communication	■■■■■
Dependability	■■■■□
Time Management	■■■■□

Technical

Java	■■■■□
Python	■■■■■
Git	■■■■□
Pandas, Numpy	■■■■■
Sci-kit, Seaborn, MatPlotLib	■■■■□
SQL, SQLite	■■■■□
PySpark	■■■■□
Cloud, Data Migration	■■■□□
MS Office	■■■■■

Education

University of California, Berkeley

Aug 2019 - May 2023 [4th year, Senior]

Computer Science + Data Science

Relevant coursework:

- Structure/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

Organizations:

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

Activities & Awards

Google NCWIT [2019]
Award recipient

Mobile Application Dev [2019]
Top 15, FBLA National Level Conference

Relay for Life [2017-19]
Team captain, Social Media Lead

Girls Who Code [2017-18]
Volunteer and Tutor

Experience

Software Development/Machine Learning Intern

T-Mobile **May 2021-August 2022**

Summer 1: Built a tool to operationalize the process of generating a Model Performance report for any ML model. **Summer 2**: Worked with T-Mobile for Business to take customer data and generate insightful ML models.

Software Development Intern

UC Berkeley Division of Computing & Data Science **Jan 2021-May 2021**

Iteratively developed open source code for data science education & maintained infrastructural reliability for autograding software used for CS classes.

Business Development Intern

Berkeley SkyDeck Startup Accelerator **Dec 2021-May 2021**

Developed startup recommendation lists for companies partnered with SkyDeck. Assisted with program research and event logistical planning.

Summer Extern

AT&T Corporation **Jun 2020-Aug 2020**

Acquired business and technical acumen alongside personal growth and professional development. Certified for entry-level training in IT & AI/ML.

Artificial Intelligence Intern

Microsoft Corporation **Jun 2019-Aug 2019**

Used Python and SQL to understand the unexpected change of data overtime and addressed the resulting model accuracy degradation.

Data Science Intern

Microsoft Corporation **Jun 2018-Aug 2018**

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

Extracurriculars

Data Science Research Director

Undergrad Laboratory @ Berkeley **Sep 2020-present**

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

Computer Science Instructor

Juni Learning **Sep 2020-July 2021**

Teaching 7 students Python, Java, and AP Computer Science curricula to middle and high school students through private and group sessions.

Course Assistant – INDENG 190E/290

UC Berkeley Center for Entrepreneurship & Tech **Jan 2021-May 2021**

Coordinating & preparing materials for a venture project class leveraging emerging technologies to deliver innovative MVPs of startup projects.

Projects

Stock Market Prediction — Dec 2020

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 team meeting feedback report.