# 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 - Dec 2022 [graduated]**
Computer Science + Data Science

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

**Organizations:**
- o Undergrad Lab @ Berkeley [Data Science Director]
- o FEMtech [Outreach Committee]
- o Opportunity Through Data [External Events & Partnerships]
- o 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 web app to operationalize the process of generating a Model Performance report for any ML model. **Summer 2**: At T-Mobile for Business, took customer data and generated 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 2020-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 data drift (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-Dec 2022**
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 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 team meeting feedback report.