

Leen Armoush

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EDUCATION

University of California, Berkeley, CA

Expected Graduation: **May 2024**

Bachelor of Arts, Data Science, Emphasis in Human Behavior and Psychology

Relevant Coursework: Foundations of Data Science, Data Structures, Structure and Interpretation of Computer Programs, Calculus II, Science and Human Understanding

Awards/Honors: Data Scholars, CAP Scholar, Cal Alumni Scholar, Data Science Insights Award

SKILLS

Technologies: Python, SQL, HTML, CSS, Pandas, Matplotlib, Figma, Github, Jupyter, Atom, IntelliJ, JavaScript, Raspberry Pi, Sketch, React (Elementary)

Languages: English and Arabic

Interests: Promoting diversity, UI/UX, Painting, Archery, Skateboarding, Videography, Anime

WORK EXPERIENCE

BART : Bay Area Rapid Transport

August 2021 - Present

Data Science Intern

- Condensing daily reports by creating a one screen visualization of daily critical operations for BART managers
- Work with Head BART Data Scientist and communicate with managers
- Create data visualization using machine learning and Python libraries such as Pandas, ipywidgets, and seaborn
- Text mining of the existing daily operation reports and identification of any missing critical components of information

Women in Computer & Data Science at UC Berkeley

August 2021 - Present

Data Science Committee Member

- Create personal data science projects that expand our knowledge and technical skills

Middle Eastern/North African Retention Center at UC Berkeley

August 2020 - Present

Academic Retention Director

- Facilitate programs to support the academic and professional retention of students on Cal's campus (ex: study jams, professional development workshops, research, publicize resources, etc.)

Microsoft Technical Resilience Program

March 2021 - April 2021

Active member

- Work with Microsoft team to accelerate STEM career path and develop team-building skills

PROJECTS

Personal Projects

BART Smart - Bart App Reimagined

- Redesigned the BART app with the goal of centralizing BART resources to maximize efficiency and improve user experience
- Using UI/UX principles, created app prototype and case study
- Implemented feedback from BART data scientist, actual BART users, and a Google design employee to continue to improve the design

Hackathons

Narudoro Timer - Best Website Award

- Created a Figma prototype and built the foundations of a website aimed at boosting productivity using the Pomodoro technique and anime references

MasjidGo App - Placed 3rd (out of 97)

- Aided in the development of an intricate algorithm that locates the nearest Mosque on a given route
- Designed and created the prototype of the app using Figma
- Assisted in creating the real version using Flutter