FATIMA IBRAHIM-BIANGORO

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EDUCATION

Bachelor of Arts | Cognitive Science, Computer Science   **AUG 2018**
University of California, Berkeley - Berkeley, CA

SKILLS & DBMS*

Java, Python, SQL, Scheme, JavaScript, Django, C, Linear Regression, Loss Minimization, Data Modelling, Figma, Zeplin, Oracle*, SQL Server*, MySQL*

AWARDS & HONORS

Berkeley Science Network Scholar (UC Berkeley, 2014-2018), **Computer Science Scholar** (UC Berkeley, 2015-2016), **Palantir Future Scholarship Finalist** (Palantir, 2017)**, Box Diversity Scholarship Semifinalist** (Box, 2017), **Google GHC Travel Grant Recipient (**Google, 2018)

WORK EXPERIENCE

UC Berkeley School of Public Health   **FEB 2017-AUG 2018**
BUSINESS APPLICATION DEVELOPER (onlinemph.berkeley.edu)
• Rebuilt the website to client's specifications and to track website traffic

PRODUCT MANAGER
• Delegated 6-month project flow for the online sector of UC Berkeley School of Public Health managing the design, marketing, and web developer teams
• Developed online ad campaigns, campaign backlogs and market research

UC Berkeley School of Engineering   **AUG 2015-DEC 2015**
CS 10: THE BEAUTY AND JOY OF COMPUTING LAB ASSISTANT
• Resolved ~250 bugs weekly through labs and course projects & taught the fundamentals of CS

PROJECTS

CS 160: User Interface Design & Development   **SUMMER 2018**
(Django, Google Maps API, SQLite3, JavaScript, HTML, CSS)
• Designed & implemented the backend and front-end for a two-interface web application for deaf/hard of hearing rideshare app drivers to interact with their riders
DS 100: Techniques of Data Science (Python, SQL, JSON, Twitter API)   **SPRING 2018**
• Created classifiers to identify spam emails & Donald Trump's tweets (trends, word choice polarity)
CS 188: Artificial Intelligence (Python, Pandas)   **FALL 2017**
• Developed the logic for a computer-playing Pacman game
• Created and trained neural network libraries to classify handwritten digits and identify language for one word at a time given a provided dataset
Industrial Engineering & Operational Research 186 (Product Management)   **FALL 2017**
• Used agile software development to design, complete MVPs, market validation, backlogs, collaterals, and prototypes for a lifestyle app to track daily activities to pitch to potential investors
Cognitive Science N1   **SUMMER 2017**
• Conducted and presented a cognitive research proposal on neural decoding in Machine Learning for more emotionally intelligent AI agents
Hack.Syria Hackathon App (Java, XML)   **FEB 2017—PRESENT**
• Developed a mobile app prototype for a craigslist-like application to connect Syrian refugees abroad in new countries to local landlords and hiring managers
CS 186: Introduction to Database Systems (Java)   **SPRING 2017**
• Designed and created a database architecture with a B+ tree structure
Data Science C8: Data Science (Python, NumPy)   **SPRING 2017**
• Designed and presented research on wealth disparities in different New York neighborhoods
CS61C: Computer Architecture (C, MIPS)   **FALL 2016**
• Designed and created a CPU through a software simulator (Logisim)
CS61B: Data Structures & Advanced Programming (Java)   **SUMMER 2016**
• Implemented a Google maps web application of Berkeley

INVOLVEMENT

UC BERKELEY BESSA-NSBE FINANCE OFFICER   **AUG 2017-MAY 2018**
Black Engineering and Science Student Association
• Managed finances and wrote grant proposals increasing the annual College of Engineering funding from $0 to $6,000 for the 2018-2019 academic year