

Shoumik Jamil

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EDUCATION

UC BERKELEY

DATA SCIENCE MAJOR
EMPHASIS IN COGNITION
COMPUTER SCIENCE MINOR
August 2019
Berkeley, CA

LINKS

LinkedIn: [shoumikjamil](#)
Github: [shoumikjamil](#)
Website: [shoumikjamil.com](#)

COURSEWORK

Linear Algebra
Data Structures and Algorithms
Principles of Data Science
Probability for Data Science
Machine Structures
Database Systems
Artificial Intelligence
Internet Architecture and Protocols
Machine Learning

SKILLS

PROGRAMMING

- Python
- Java
- SQL
- NoSQL
- Git

WEB DEVELOPMENT

- HTML/CSS
- JavaScript
- Bootstrap
- React
- Django

DATA SCIENCE

- Jupyter Notebooks
- Matplotlib
- Pandas
- Scikit-learn
- Numpy

EXPERIENCE

PACK | SOFTWARE ENGINEER

Sept 2019 – Jan 2021

- Co-Founded a startup with the goal of allowing students to meet others in their classes through an online platform
- Worked as a full-stack engineer using React and Django with a focus on the backend built upon AWS and Firebase infrastructure
- Praised on team strength from Y Combinator partners after final interviews
- Created viral marketing materials that received thousands of impressions to grow userbase into hundreds of students
- Conducted user & product analysis using SQL to determine user growth and usage metrics

UC BERKELEY DATA 8 | UNDERGRADUATE INSTRUCTOR

Jun 2018 – Aug 2019 | Berkeley, CA

- Taught introductory data science concepts to 30+ students in a lab section
- Went through Jupyter Notebooks in lab to reinforce concepts from lecture
- Held office hours to help students with projects and conceptual questions
- Helped create worksheets and additional resources for students

GOODLY LABS | UNDERGRADUATE RESEARCHER

Jan 2018 – Jun 2018 | Berkeley, CA

- Worked out of Berkeley Institute for Data Science for non-profit lab
- Research project to help public find dependable sources for news (PublicEditor)
- Developed algorithm for grading article's "trustworthiness" based on user input

UC BERKELEY LIBRARY | CIRCULATION DESK EMPLOYEE

Jan 2016 – Aug 2019 | Berkeley, CA

- Provided assistance to a diverse group of customers (including students and faculty) in answering inquiries and locating books
- Provided research topic reference services and library instruction using provided electronic resources and my own working knowledge

PROJECTS

EV ASSISTED CHARGING (EVAC) | MACHINE LEARNING MODEL

[github.com/data-x-sp19/EVAC](#)

Worked with engineers at Honda to create a machine learning model to help locate and implement new electric vehicle chargers in Columbus, Ohio.

PATH TO THE ONSIDE | WEBSITE & GAME

[pathtotheonside.com](#)

Created a website for a customer's podcast using Bootstrap's framework. Also created a weekly MLS pick-em' style game in JavaScript using Firebase as a backend to scrape MLS game data and serve the game.

JUS FILMZ | DIRECTOR & PHOTOGRAPHER

[jusfilmz.com](#)

Created a company that produced different media such as videos, music and photos. We provided our video and music production, photography, and web design services at a cost through our website and to local customers.