NEHA DABKE

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EDUCATION

2016–2020
University of California, Berkeley
B.A. Computer Science
B.A. Cognitive Science

2012–2016
Monte Vista High School
Graduate with Highest Honors
AP Distinguished Scholar

TEACHING

Spring 2017
Lab (Teaching) Assistant
CogSci 88: Data Science and the Mind

Developed course materials on Python Jupyter notebooks on cognitive data analysis. Introduced Python data analysis tools and techniques in solo presentation to the class

Spring 2018
Academic Intern
CS61B: Data Structures

Assisted students with various homeworks and projects over the semester. I was responsible for having a deep understanding of Java and data structures in addition to being able to communicate clearly and efficiently.

COURSES

CS C8: Introduction to Data Science (Python)
CogSci 88: Data Science and the Mind
CS61A: Structure and Interpretation of Computer Programs (Pyton)
CS61B: Data Structures (Java)
CS70: Discrete Mathematics and Probability Theory

EXPERIENCE

Summer 2018–present
Engineering Intern
CyberCube Analytics
I primarily work with the development and QA team to create and test features for our cyber risk analysis software. Specific tasks include automating analyses, writing software tests, and assisting in software development.

Spring 2018–present
Data Science Lead
UC Berkeley Invention Corps
I worked in conjunction with the University's Bioengineering department to research heart arrythmias, write algorithms to clean and store datasets, and ultimately to create a machine learning algorithm capable of diagnosing an arrythmia based on aural data.

Summer 2017–Spring 2018
Research Assistant
UC Berkeley Computational CogSci Lab
I assisted in the development of "Wordful", a mobile application used to record language acquisition data. I specifically worked on the front end of the app and created dynamic data visualizations.

Fall 2017
Designer, Researcher
UC Berkeley Grad School of Education
Work with faculty in the Grad school of Education to design intuitive tools for math education. Rapidly prototype, design, and collaborate to create tools in a 3 month timeline.

Summer 2015
Intern
Avishkaar, LLC
Redesigned website and performed quality assurance on the company's patent management product.