Subhiksha Mani

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Experience and Projects

Software Engineering Intern at Microsoft **May 2017 – Present**

Currently working in Windows and Devices Group's Universal Store using R and search telemetry.

Research Team Lead at Berkeley Institute for Data Science (BIDS) **January 2017 – Present**

Currently leading the mapping team for Berkeley's Data Science Education Program. Mapping is responsible for curating data and establishing answers to questions posed by our datasets — often in the scope of data science courses, student pathways and experiences by using data science and machine learning tools.

Data 8 Group Tutor **August 2016 – May 2017**

Data 8 is the introductory data science course at UC Berkeley. I engage with students during my weekly office hours and group tutoring sessions to help them better understand course material.

Research Apprentice at Berkeley Institute for Data Science (BIDS) **March 2016 – January 2017**

As a member of the BIDS mapping team that is focused on interpreting and visualizing data for the Data Science Education Initiative at Berkeley, I've built a Python classifier to categorize all of UC Berkeley's course data into data science related courses.

Explorer Intern at Microsoft – Rotational Roles as SWE and PM **May 2016 – August 2016**

Interned in Windows and Devices Group and contributed to SnapGold, a Universal Windows Platform code sample open-sourced on GitHub. Worked on the app's UI and data to determine SnapGold's daily active user.

Skills Developed: C#, XAML, SQL, Azure App Insights, Stream Analytics

Education

University of California, Berkeley **Graduating May 2019**

Majors: Computer Science and Cognitive Science

Hercules High School **August 2011 – June 2015**

Valedictorian; GPA: 4.75

Cornell University **June 2014 – July 2014**

Attended Cornell University's Summer College Program on a full-ride scholarship provided by the Ivy League Connection.
Course Taken: Introduction to Modern Political Theory.

Relevant Coursework

- Structure and Interpretation of Computer Programs
- Foundational Concepts in Data Science
- Principles and Techniques in Data Science
- Linear Algebra and Differential Equations
- Discrete Math and Probability Theory
- Probability and Mathematical Statistics in Data Science
- Data Structures
- Concepts in Computing with Data
- Introduction to Cognitive Science
- Cognitive Neuroscience
- Brain, Mind, and Behavior
- Socially Engaged Engineering

Honors and Awards

- Microsoft Grace Hopper Women in Computing Travel Grant Scholarship (2017)
- UC Berkeley Leadership Award - ranked in the “Top Tier of Applicants” (2015)
- WCCUSD Retired Educators Scholarship (2015)
- Bio-Rad Scholarship Award (2015)
- AP Scholar with Honor (2014-2015)