Neha Kunjal

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EDUCATION

- **University of California Berkeley** **Class of 2020**
  - Bachelors in Computer Science and Cognitive Science, GPA: 3.79

Relevant Courses Taken

CS 61A: *Structure and Interpretation of Computer Programs*
CS 61B: *Data Structures*
EE 16A: *Designing Information Devices and Systems I*
CS 61C: *Machine Structures*
CS 70: *Discrete Mathematics and Probability Theory*
MATH 54: *Linear Alg/Differential Equations*
CS 9E: *Productive Use of the UNIX Environment*
CS 198-01: *iOS Decal*
CS 170: *Efficient Algorithms and Intractable Problems*
CS 188: *Introduction to Artificial Intelligence*

Current Course

CS 168: *Intro to the Internet: Architecture and Protocol*
CS 162: *OS and System Programming*

EXPERIENCE

- **Software Intern, *Uber*** **May 2018 — August 2018**
  - Created a more efficient way to query loads by large regions for the Uber Freight platform to improve the brokerage team's speed. Speed up queries by a factor of 4 (Javascript, Go, MySql)
  - Improved user experience by allowing users to change the status of offers in order to cut down the needless overhead generated by inefficient communications (Javascript, Go, MySql)
  - Refactored offers to allow users to connect drivers to offers so that tracking can be done on the driver level instead of just the carrier level (Javascript, Go, MySql)
- **Data Analysis Volunteer, *Golden*** **May 2018 — Present**
  - Analyzing data from the users who use the platform to connect with volunteer events to develop meaningful insights for organizers trying to get volunteers (Jupyter Notebook, MongoDB)
- **CS 170 (*Efficient Algorithms and Intractable Problems)* Reader** **August 2018 — Present**
  - Grade homework, and assist with course logistics such as answering conceptual questions
- **CS 61B (*Data Structures)* Tutor** **August 2017 — December 2017**
  - Ran a small discussion section and assisted with course logistics such as grading, creating worksheets, and answering conceptual questions
- **TechKnowHow** **January 2018**
  - Developed python and java curriculum for middle and high school students so that they have a solid basic understanding of coding. Added artificial intelligence and recursion to the curriculum.
- **Golden Bear Orientation Leader** **August 2017**
  - Guided and introduced a group of 30 incoming freshman to the diverse community of Cal

PROJECTS

- **iOS Developer, *Best Friends Animal Society*** **August 2017 — Present**
  - Co-developing an iOS app that was prototyped at TreeHacks that looks at a photo of a shelter animal, and determines the quality of the photo (Swift, and Google Vision API)
  - won Hack to Save Homeless Pets in TreeHacks 2017

AWARDS/HONORS

- **EECS Honor Degree Program Member** **Fall 2018**
- **UPE National Honors Member** **May 2018 — Present**
- **David H Liu Memorial Scholarship**
  - Received scholarship for "Inspiring the Innovator in Everyone" from The Tech Museum

SKILLS/STRENGTHS

- **Languages:** Java, Python, C, Go, Swift, SQL, HTML, CSS, JavaScript
- **Frameworks/Software:** Unix, Numpy, Jupyter Notebook, Git, React/Redux