Robert Meyer

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Education

- 4th year at University of California, Berkeley.
- Currently pursuing Bachelor of Arts in Data Science with a Domain Emphasis of Philosophical Foundations: Minds, Morals, and Machines.
- Expected graduation Spring 2022.
- Current GPA 3.7.

Relevant Skills from Coursework

Focused on Computer Science background for the first three semesters, then shifted focus to Data science in 2020. Course and project studies include:

- Calculus, Linear Algebra, Differential Equations, Discrete Mathematics and Probability
- The Structure and Interpretation of Computer Programs using Python
- Data Structures using Java
  - This included such projects as creating an arbitrarily complicated enigma machine in code, an AI to play the game Tablut, and a basic version-control system mimicking Git
- Designing Information Devices and Systems
- Multiple courses relating to the principles and techniques of Data Science using Python
  - These have used Machine Learning techniques such as Regression, Gradient Descent, Decision Trees, Clustering, Principal Component Analysis, Neural Networks, and Skip-Gram, as well as introduction to AI and using Data for decision making.

Working Experience

Worked as an Engineering and Research Assistant at Safety Analysis and Forensics Engineering, L.P. (SAFE Research) the summers of 2018 and 2019. Projects include:

- Began self-teaching mobile app development in Swift, completing a working prototype app for completing and expediting physics based accident reconstruction calculations.

Team based projects include:

- Organization of data in Excel and Access Database and set up initial 3D computer modeling utilizing 3D scanners and Rhino software, gathering and organizing data to support accident reconstructions and forensic analysis including (not limited to) deposition summarization and case data organization.

Hobbies

Tennis, art (portrait sketches), music (piano, saxophone, guitar), video games, story writing