Aryana Far

San Francisco Bay Area, CA • (408)981-6530 • www.linkedin.com/in/aryana-far • aryanafar@berkeley.edu

---

Education

University of California, Berkeley   **3rd Year, GPA**: 3.93/4.0
Double Major: Data Science B.A., Cognitive Science B.A.   **Graduation:** May 2023
Working toward a graduate degree (Ph.D., M.S.) in Data Science or Computer Science.

Selected Coursework: Programming, Algorithms, Statistical Genomics, Data Structures, Linear Algebra, Data Analysis, Data Cleaning, Machine Learning, Probability & Risk Analysis, Econometrics, Computational Neuroscience, Modeling Brain Rhythms

---

Skills

- **Technical**: Python (NumPy, Pandas, Matplotlib, Scikit-Learn, etc.), SQL, R, RegEx, Java, Excel, Git, C++
- **Languages**: French and Farsi

Work

The Center for Political Drug Education   Stanford, CA
Data Analyst   Jan 2022 – Present
- Investigating morbidity of drugs in the context of the COVID-19 pandemic using CDC records.
- Producing visualizations and sensible conclusions to be used in educational VR software for adolescents.

UC Berkeley Computing, Data Science, and Society   Berkeley, CA
"Data and Justice" (DATA 4AC) Course Assistant   Jan 2022 – Present
- Holding appointments for students seeking assistance with Data Science coding concepts in JupyterLab.
- Refining and updating coding modules through GitHub before they are released to students.

"Foundations of Data Science" (DATA 8) Academic Intern   Jan 2021 – May 2021
- Assisted students weekly with foundational Data Science topics using Python in JupyterLab.
- Helped resolve syntactical and conceptual issues while managing a queue of 35+ students.

Projects

Data Analysis on Survey of the Importance of Ethics in STEM Curriculum   Aug 2021 – Mar 2022
- Gathered survey responses from a diverse range of UC Berkeley students and faculty.
- Used Natural Language Processing and visualization techniques to depict survey's general trends.
- Passed official Resolution to implement University-wide STEM Ethics Requirements.

Autoregressive Modeling on Daily/Weekly COVID-19 Data ([Link](#))   Nov 2021 – Dec 2021
- Created a robust model using US county data, with feature selection through PCA, in Python JupyterLab.
- Optimized daily and weekly caseloads per county to predict future caseloads.
- Led team of 3 in project development of improving regression models.

Implementing a Localized Version of GitHub using Java ([Link](#))   Mar 2021 – Apr 2021
- Designed and implemented a light ubiquitous Version Control System independently from the ground up.
- Supports init, add, commit, checkout, and merges, among other functionality.
- Utilized appropriate data structures such as Java HashMaps to maximize runtime performance.

Volunteering

Friends of Children with Special Needs   San Jose, CA
Lead Teacher and Teacher Mentor   Aug 2015 – May 2019
- Led weekly vocal lessons, guitar lessons, and private math tutoring for teens with autism.
- Acknowledged with "Model Teacher Award."

- **Extracurricular Interests**: Cryptocurrency, Decentralized Finance, Deep Learning, Art, Music