Anissa Rashid

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http://anissarashid.me | Github: anissarashid

EDUCATION

University of California, Berkeley | August 2017 - May 2021
B.A. Data Science, B.A. Economics, & Berkeley Certificate in Design Innovation
Coursework: Data Structures, Principles of Data Science, Artifical Intelligence, Data Inference and Decisions, Probability for Data Science, Discrete Mathematics, Linear Algebra, Multi Var Calc, Economic Statistics, Applied Econometrics, Financial Economics.

EXPERIENCE

BARE Magazine | Berkeley, CA
Creative Director   **Jan 2018 - Present**
- Directing the visual content and brand identity for the magazine, leading the Creative Team of 25, executing photoshoots.
- Lead developer of digital issue to accommodate for the remote semester, wrote HTML/CSS and distributed on Cargo platform.

Women in Tech Initiative at UC | Berkeley, CA
Data Science Research Assistant   **Aug 2020 - Present**
- Utilized EDA & hypothesis testing to quantify effects of policy changes on the persistence of women & URM in the CS major.
- Applied ML algorithms to validate the causality of student demographic features on the ability to participate in STEM majors.

Police Bias Research Team | Berkeley, CA
Data Science Research Assistant   **Aug 2020 - Dec 2020**
- Designed an algorithm to quantify racial bias in the likelihood of excessive force in police stops for the Black population.
- Constructed an interactive Tableau dashboard across 7 U.S. cities, data parsing and EDA done with Python and Pandas.

Foundations of Data Science | Berkeley, CA
Academic Intern   **Jan 2019 - May 2019**
- Assisted in a lab of 30+ students and hosted tutoring for students enrolled in Data 8 at UC Berkeley, ~ 100 hrs for the term.
- Improved their understanding of statistical concepts, regression modeling, hypothesis testing, A/B testing, and programming.

PROJECTS

Personal Website | JavaScript, CSS, HTML
http://anissarashid.me   **Jan 2020 - Present**
- Created my personal website to host my design and data science projects. Utilized Bootstrap & jQuery, hosted on GitHub.
- Workflow included writing Python script to build new pages, personal branding design in Adobe Suite, wireframing on Figma.

Predicting Taxi Ride Duration | Python, sklearn
Data Science & Machine Learning   **Oct 2019 - Nov 2019**
- Trained a linear regression model using that predicts taxi ride duration using trip features from NYC TLC Trip Record data.
- Utilized feature engineering with PCA for map segmentation and trained several regression models to optimize accuracy.

Exhale - Breathing Visualizer | three.JS, jQuery
Frontend Developement   **Nov 2019 - Dec 2019**
- Interviewed 5 college students to discover how to better stress & mental health mangament through digital media.
- Built an accessible, calming 3D breathing animation to help regulate student breaths in times of stress, hosted on GitHub.

Bluetooth Motorized Chassis | Arduino, Universal VLS, Adobe Illustrator
Physical Prototyping   **June 2019 - Aug 2019**
- Prototyped, programmed, and built a bluetooth-controlled motorized vehicle capable of traversing an obstacle course.
- Designed acrylic body in Illustrator for laser cutting, 3D printed treads with Ninjaflex, programmed Adafruit control logic.

LANGUAGES / SOFTWARES / SKILLS

Languages: Python: [Pandas, Matplotlib, NumPy, Scikit-learn, Tensorflow], Java, JavaScript, HTML/CSS, SQL.
Softwares: Tableau, Microsoft Excel, Stata, R, Figma, Adobe CC: [Illustrator, InDesign, Photoshop, Lightroom, XD].
Skills: Data Science, Econometric Analysis, Applied Statistics, Machine Learning, Design Thinking, Data Visualization.