

## EDUCATION

**University of California, Berkeley** | Class of 2022 | B.A. Data Science | B.A. Economics **GPA: 3.8/4.0**  
**Relevant Coursework:** Data Structures, Econometrics, Human Contexts and Ethics of Data, Linear Algebra & Differential Equations, Macro & Micro Economic Analysis, Principles & Techniques of Data Science, Probability for Data Science  
**Honors/Awards/Certifications:** Oakland Promise Scholarship, Human-Centered Design (PwC), Digital Acumen (PwC)

## PROFESSIONAL EXPERIENCE

**Chief Technical Officer (CTO)** **August 2022 — Present**  
*Wisdm* *Berkeley, CA*

- Supervised a team of four interns to develop data extraction and entity recognition algorithm collecting over 20k+ data points daily.
- Successfully created small and large-scale data pipelines containing ETL processes reducing manual data processes.
- Spearheaded machine learning research and cost-benefit analysis with pre-train and in-house NLP packages for sentiment analysis.
- Led weekly meetings for Data Science Discovery Program interns, Berkeley SKYDECK mentors, and software engineering team.

**Business Analyst Intern** **June 2022 — August 2022**  
*Amazon Web Services | AWS* *Seattle, WA*

- Expanded calculator coverage by developing pricing calculators for AWS Products: Application Migration Service & App Runner.
- Created dashboard using Amazon Quicksight to track metrics across all coverage partitions: Commercial, China, DCA, LCK.
- Increased dashboard efficiency by automating data sourcing for dashboard by developing an ETL leveraging Python and AWS S3.
- Utilized internal CLI to update dynamic pricing data on AWS product pricing pages using Adobe Experience Manager.

**Advance Audit/Assurance Intern** **June 2021 — August 2021**  
*PricewaterhouseCoopers | PwC* *San Francisco, CA*

- Assisted and performed substantive testing procedures for different financial statement line items leveraging the PwC audit guide.
- Set up the Aura Database by assigning tasks and due dates based on financial statement line items for the engagement team.
- Obtained a working knowledge of statutory audit objectives and procedures based on PwC Professional Framework.
- Accelerated technical skills by utilizing PwC resources to learn different professional software e.g., Excel, Alteryx, Tableau, UI Path.

## PROJECTS

**MemeStock Tracker** **Spring 2022**  
*Course: Applied Data Science with Venture Applications*

- Utilized an ensemble of Hugging Face machine learning models to process daily social media data to predict sentiment for 20 stocks.
- Created and deployed data pipeline for stock data and sentiment analysis on AWS EC2 virtual machine instance.
- Co-developed a script calling Reddit Twitter API to collect and filter >15,000 most recent social media posts on daily basis.

**Personal Finance Exploratory Data Analysis** **Fall 2021**  
*Personal Project*

- Collected and analyzed over 1500 personal financial transactions developing a plan to reduce off-campus housing expenses by 10%.
- Identified discretionary expenses leveraging visualizations using Matplotlib & Seaborn leading to \$150 weekly spending reduction.
- Utilized Pandas to process data from CSV files to explore net worth, periodical spending insights, & ways to reduce expenditures.

**CS61BYoW: Bitlet** **Spring 2021**  
*Course: Data Structures*

- Assisted in design and implementation of world generation algorithm that generates 2D tile-based world pseudo-randomly.
- Collaborated in a two-person team to create a two-player 2D tile-based world game created randomly based on seed selection.
- Designed and outsourced over 100 images utilizing Photoshop creating three tile themes: ice world, grass world, & 61B edition.
- Integrated main menu interface for user functionality: new game, seed selection, load saved game, change tile theme, & exiting.

## SKILLS & INTERESTS

**Languages:** Java, JSON, LaTeX, Python (NumPy, Pandas, SciPy, SciKit), Markdown, R (dplyr, ggplot, infer, broom), SQL

**Tools:** Adobe Creative Cloud, Alteryx, Git, IntelliJ, Jupyter Notebook, Microsoft Suite, Stata, UI Path

**Skills:** Data Visualization, Exploratory Data Analysis, Hypothesis Testing, Vietnamese (conversational)

**Interests:** Automotive Sports, Billiards, Conservation of nature, Cooking, & Traveling