

GIANI KURNIAWAN

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Education

University of California, Berkeley

Exp Grad: May 2022

Bachelor of Arts, Data Science with Business and Industrial Analytics

Ohlone College | Fremont, CA

July 2020

Associates of Science, Computer Science [Highest Honors]

Associates of Science, Mathematics [Highest Honors]

Skills

Languages/Skills: Python, C, C++, SQL, Vim Script, Scheme, SMLNJ, JavaScript, HTML, Microsoft Excel, Tableau

Libraries: NumPy, Discord.py, OS, Time, sys, Re, JSON, Repl.it DB, random, TensorFlow, matplotlib, pandas, statsmodel

Work Experience

Data Analyst Intern – Renaissance Entrepreneurship Center

Sept 2021 – current

- Forecasting stock prices with time series analysis Arima with 99.51% accuracy
- Created data visualization of a product using Tableau and web crawl using ParseHub and python
- Implementing k-means to get center of gravity analysis and derive the best location for Instacart warehouses in Python
- Using R to scrape tweets and discover the sentiment scores by exploratory graph analysis
- Forecasting applicants for loans acceptance with logistic regression and decision tree with an accuracy of 87% and 77% respectively

Math & English Tutor – Ohlone College

Feb 2019 – July 2020

- Improved averaged class performance by 25% through effective study methods and guidance.
- Encouraged students to understand the core concepts and engage with students to work through analytical homework problems.
- Hold lab hours for students' extra tutoring sessions to review and practice subjects in class.

Personal Projects

Discord Bot – <https://github.com/akanijade/disc-bot>

- Created a bot in Python that would respond to negative messages with an inspiring quote utilizing Repl.it DB database, discord.py, OS, requests, json, and random that runs 24 hours with UptimeRobot and a script that pings the server.
- Implemented object-oriented programming, YouTube-dl, asyncio, FFmpeg to add a music feature that allows the bot to play, pause, resume, and stop music when title or URL is given.

Ants vs. SomeBees – <https://github.com/akanijade/Ants-vs-Bees>

CS61A: Structure & Interpretation of Computer Programs – UC Berkeley

- Built a tower defense game in Python where the different types of ants protect the queen from bees. PopCap's Plants vs. Zombies inspired the game.
- Implemented functional and object-oriented programming models and testing large programs.

Power of Data – <https://github.com/akanijade/the-power-of-data>

Data8: Foundation of Data Science – UC Berkeley

- Utilized NumPy for table manipulations and visualizations to help biologists analyze data of specific cells in our lungs that are associated with the disease cystic fibrosis.

Portfolio Website – <https://github.com/akanijade/website>

Data8: Foundation of Data Science – UC Berkeley

- Created a portfolio website using HTML, CSS, and javascript

Leadership Experience

Senator, Student Government – Ohlone College

July 2019 – May 2020

- Represented students in shared governance committees to serve students' concerns and needs.
- Created bills and new legislation to improve students' student life in achieving their career goals.
- Managed student activities around campus to increase students' engagement.