Giani Kurniawan

gianiranjani@gmail.com | (510)730-0342 | Fremont, CA 94538
LinkedIn: www.linkedin.com/in/giani-kurniawan Website:https://github.com/akanijade

EDUCATION

University of California, Berkeley, CA   Expected Graduation: May 2022

Bachelor of Arts in Data Science

Relevant Coursework: Structure & Interpretation of Computer Programs (Python, Scheme, SQL), Designing Information Devices and Systems I (Numpy), Discrete Mathematics and Probability Theory, Principles of Engineering Economics, Logistics Network Design and Supply Chain Management, Social Life of Computing

Ohlone College   Graduated Aug 2020

Associates Degree in Mathematics, Computer Science, and Physics   Major GPA: 4.0

Relevant Coursework: Intro to Programming Using C++, C++ Programming (OOP), Programming W/ Data Structures, Intermediate Java Programming, Intro Assembly Language Prog, Discrete Structure

SKILLS

Language: Python, C, C++, SQL, SMLNJ, Javascript, HTML, Scheme
Libraries/Tools: Numpy, discord.py, os, time, sys, re, json, random, replit db, tensorflow, VIM

EXPERIENCE AND PROJECTS

Discord Bot

Personal project
- 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 given

Ants Vs. SomeBees

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.

Ohlone College   Fremont, CA

Embedded English Tutor, Math Lab Tutor, Embedded Math Tutor   *Feb 2019 – July 2020*
- Lab tutor for the Math Learning Centre to solidify students' mathematical concepts
- Worked personally with students for Algebra Class and Reading and Writing Class
- Hold lab hours for students' extra tutoring sessions to review and practice subjects in class

EXTRACURRICULAR ACTIVITIES

Dot-Slash Computer Science Club, Artificial Intelligence(PHI) Club   Fremont, CA

Treasurer/Secretary, Intercouncil club representative   *May 2019 - May 2020*
- Recorded, transcribed, and distributed minutes of meetings
- Managed the communication between club members and faculty in order to create connections with future employers and create opportunities for fellow computer science students
- Managed the club's administrations and funds to market the club and hold events
- Represented the AI club as a part of the Intercouncil Club in order to fulfill club requirements

Associated Students of Ohlone College (ASOC)   Fremont, CA

Senator At Large   *July 2019 - May 2020*
- Represented students at large in shared government committees to serve students' concerns and needs
- Created bills and new legislation that will improve students' student life in achieving their career goals
- Managed student activities around campus in order to increase students' engagement