Johnny Do

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EDUCATION

University of California, Irvine **Sept. 2022 - Present**
Current GPA: 3.65
Bachelor of Science in Computer Science **Expected Graduation: 2026**

Skills: Python, C/C++, Github, SQLite
Beginner: HTML, CSS, Javascript

Coursework

Programming with Software Libraries (Python), Intermediate Programming (Python), Programming in C/C++ as a Second Language, Boolean Logic and Discrete Structures, Introduction to Software Engineering, Introduction to Probability and Statistics for Computer Science, Boolean Algebra, Introductory to Computer Organization

EXPERIENCE/PROJECTS

Certifications: Google IT Automation with Python Specialization

UCI Zothacks 2022, Irvine CA **November 5-6th 2022**
Hackathon
Languages/Applications used*: Python, HTML, Flask, Git, Github, API integration*

- Worked in a team of 4 to create ***Petr's Pantry Meals*** within 12 hours.
- Creating Web Application using python, flask, and html
- A web app that takes the ingredients the user has in their kitchen and uses data from the public API by Spoonacular to provide them with recipes having those ingredients.

Live Direct Messaging Chat Application **March 24, 2023**
ICS 32 Final Project
Languages/Applications used*: Python, Tkinter, Sockets*

- Developed a **Python** live direct message application as the final project of our ICS32 course
- Implemented the Direct Messaging Protocol to support direct messaging with commands for sending and receiving messages on the DSP platform
- Used local data storage in order for previous messages and contacts to be displayed in gui while being offline
- Given a starter GUI code. I further designed and developed the GUI using **Tkinter**, allowing users to send and receive direct messages seamlessly

Airport Database Management System **May 10, 2023**
Project

- Developed a **Python** application for managing and interacting with a SQLite database within a tkinter interface
- Became familiar with SQL queries and how to mitigate SQL injection risks by sanitizing user inputs and utilizing parameterized queries
- Leveraged knowledge of database schema and constraints to handle NULL values effectively in the user interface
- Utilized incremental development and testing approaches, regularly committing code to a Git repository