LONG (JACK) VO

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EDUCATION

University of Cincinnati — January 2022 - May 2025
Bachelor of Science, Computer Science, minor Business Analysis — GPA: 3.77

Shoreline Community College — September 2019 - June 2021
Associate of Science, Computer Science — GPA: 3.71

EXPERIENCE

Student Grader | Part-time — August 2023 - Present
University of Cincinnnati — Cincinnati, OH
- Evaluate assignments for 120 students in the undergraduate/graduate level course EECE5136/6036
- Assist Dr. Minai in creating engaging lecture material and provide valuable homework feedback

Teaching Assistant | Part-time — June 2022 - Present
STEAM for Vietnam Foundation — Burlingane, CA
- Instruct of Python Fundamental and Pygame for 35,000+ Vietnamese students
- Upload 5+ teaching, assignment and learning resources
- Generate frequently 5+ diverse test cases for Python auto-grader
- Construct website demo for STEAMHacks workshop for 100+ students

Software Engineer Intern | Full-time — May 2023 - August 2023
Elevance Health, Inc — Mason, OH
- Made MongoDB pipelines for cleaning and migrating database to DocDB
- Implemented a NLP search engine within the enterprise platform using RASA framework
- Utilized Spacy, DietCluster, and Regex for efficient entities, names, and pattern detection
- Simplified navigation for 15,000 active daily users across 16+ apps with the smart search bar
- Developed a new header and a side dashboard in the Smart Search app

Software Engineer Intern | Full-time — January 2023 - April 2023
Matson Money, Inc — Mason, OH
- Crafted dynamical queries to clean and structure database, eliminating duplicate data
- Produced user-friendly UI for 15+ fillable forms on Advisor Portal using Microsoft SQL
- Innovated business requests' features in Assetware using .NET (VB and C#) framework
- Maintained and enhanced Matson Money's Advisor page with ReactJS
- Accomplished a total of 51 Jira's tickets with an average of 5 points per ticket

Teaching Assistant | Part-time — August 2022 - December 2022
University of Cincinnati — Cincinnati, OH
- Operate daily unit-tests to conduct proficiency test with Jupyter Notebook
- Produced 12+ test files for CS1005 Grade Scope using Otter Grader
- Coordinated with Dr. Mehdi to develop 8 chapter course assignments and learning materials

PROJECTS

Creator Verse Web | ReactJS, SupaBase, Vite — July 2023
- Developed a full functional web app for user to create and manage their favorite collection of creators
- Implemented user data management and authentication using SupaBase
- Built and deployed website using Vercel (creatorverse-six.vercel.app)

YouTube Data | Jupyter Notebook, Python — December 2022
- Extract channel data from 10 random YouTube channels using Beautiful Soup library
- Observed more than 1000 comments to get the insight, analyzing the factor help channels gain views
- Construct UI that accepts any YouTube URLs and resulting a completed dashboard data

My Shelf | Django, ReactJS — June 2022
- Led team of 3 to complete a portfolio website for user who focus on displaying projects using Django
- Built 10+ endpoints and created models of project for storing data
- Crafted the sign in, profile and displaying projects page by ReactJS and launched on Netlify

SKILLS

Programming Languages: Python, C, C++, Java, SQL, JavaScript, MATLAB
Libraries: React, Jupiter Notebook, .NET, Django, RASA, Numpy, Pandas, Matplotlib
Tools: Git, Azure DevOps, Microsoft SQL Server, VSCode, MongoDB, Robo3T, Jira Software