Yukio Rivera

803 Laurel St, Apt 10, Santa Cruz, CA, 95060 * (310) 344-7277 * rivera.yukio@gmail.com
Yukio's Linkedin, GitHub, and Portfolio

EDUCATION

- **UNIVERSITY OF CALIFORNIA - MONTEREY BAY, Seaside, CA**
  Bachelors of Science Computer Science - Software Engineering *(May 2023)*
- **CABRILLO COMMUNITY COLLEGE, Santa Cruz, CA**
  Associates of Science Computer Science - Software Development *(June 2021)*

SKILLS

- **Programming Languages:** Python, MySQL, HTML, Javascript, C/C++, Bash, Java
- **Technologies**: GIT, API Automation, vim/vi, Express, Docker, Linux, Jira, SpringBoot, Flask, SQLLite

Projects:

Python Machine Learning Project:

- Team project on airline customer data using machine learning
- Developed models for predicting customer satisfaction and loyalty
- Analyzed data using Python libraries like Pandas, Numpy, and Matplotlib
- Utilized machine learning algorithms like Random Forest, Gradient Boosting, and Logistic Regression
- Achieved 85% accuracy in predicting customer loyalty using Gradient Boosting model

Multi-Client Chat Application written in C:

- Implemented a chat server in server.c with multi-client support
- Listens on a specified port and creates a thread for each client connection
- Broadcasts messages to all connected clients and handles disconnections
- Developed a chat client in client.c with message receiving and sending functionality
- Display messages in different colors for better user experience
- Utilized socket programming, multi-threading, and mutex for shared resource protection

GradeBook Example with Front and Backend:

- Full-stack Gradebook application using React.js for the frontend and Java with Spring Boot for the backend
- Utilized the Hibernate ORM for seamless database integration and efficient querying with MySQL
- Applied RESTAPI to create a scalable, robust backend, enabling communication between front and backend
- Collaborated in an Agile environment, focusing on efficient project management and task prioritization
- Utilized GitHub for version control and collaboration, enabling code integration and conflict resolution

Other Projects on Github: Task Manager(API, Flask, SQLLite)

WORK EXPERIENCE

Software and Hardware Engineer

HITACHI VANTARA, Santa Clara, CA   July 2022 - Present

- Tested replication technologies for company's storage systems through 15+ documented tests
- Validated product integration with AWS through QA testing and feedback for AWS marketplace release
- Collaborated with cross-functional teams of up to 15 members to deploy replication technologies and integration solutions for 5+ projects
- Developed Python and Bash scripts for API automation
- Deployed Linux servers for hosting hardware management software on the corporate network
- With a team of 5, created a apache and nginx servers to host a hardware management system

Admissions Director

7TH AVENUE CENTER, LLC, Santa Cruz, CA   Oct 2016 – July 2022

- Led the development and maintenance of successful partnerships with management, agencies, and service providers across different counties to promote best contracts, generating a monthly revenue of ~850k
- Managed a team of 7 workers and delegated tasks to optimize the admission process
- Analyzed and processed 30+ referrals for admission per week, providing written documentation to the team with 100% accuracy rate and ensuring efficient communication across the team.
- Created 20+ comprehensive summaries of admitting patients for staff review, resulting in 50% faster decision-making and streamlined project management