

Charlene Tran

(714) 782-8520 • Santa Ana, CA • charlenehanhtran@gmail.com • www.linkedin.com/in/charlene-hanh-tran

EDUCATION

California State University of Long Beach | Long Beach, CA

Expected Graduation: December 2024

B.S. in Computer Science | GPA: 3.8/4.0

Relevant Courses: Software Development with Frameworks, Machine Learning, Artificial Intelligence, Cybersecurity, Software Management and Testing, Database Fundamentals, Object Oriented Application, Operating Systems, Data Structures, Algorithms

TECHNICAL SKILLS

Programming Languages: Python | Java | C# | C | C++ | HTML | CSS | JavaScript

Databases: SQL | MongoDB

Frameworks/Tools: .NET | React | Git | Github | Jira | Azure | VMware

Operating Systems: Windows | macOS | Linux

EXPERIENCE

Information Security Student Assistant | California State University, Long Beach

June 2024 - Current

- Conducted third party risk assessments, procedure documentation, and internal processes validation
- Worked with the Security Team to record, track and communicate IT security through active directory and utilized VMware Workstation for testing group policy objects

PERSONAL PROJECTS

Emotion Recognition Software

March 2024 - Current

- Developed low-fidelity design versions using Figma for the facial and voice emotion recognition software as part of a long-distance relationship application
- Contributed to the iterative design process aimed at refining and improving the software's usability and functionality

Food Truck Navigation Application

February 2024 - April 2024

- Led a team as project manager, implementing Agile methodology via Jira for task allocation and progress tracking
- Built a web app using React.js and Python for real-time tracking of nearby food trucks based on user preferences
- Utilized Yelp APIs to fetch food truck data and incorporated the retrieved information into the app's database
- Employed SCRUM methodology and regular sprints to manage tasks and meet deadlines efficiently

Job Exchange Platform

October 2023

- Engineered a Flask-based web application for a job exchange platform
- Integrated MongoDB to store user/job information and utilized CRUD methods to develop a trade system

Enrollment Tracker

March 2023 - May 2023

- Implemented MongoDB queries and updates to handle deletion constraints for active enrollments
- Developed a mechanism for handling major declarations by students, including validation defined in JSON schemas
- Ensured scalability by dynamically fetching and updating data based on user input and MongoDB queries

AWARDS/CERTIFICATIONS

President's Certificate of High Scholastic Achievement

August 2021 - Current

- Earned a place on the CSULB President's Honor List (Fall 2021, Spring 2022, Spring 2023, Fall 2023)

LAHacks | University of California, Los Angeles Hackathon

April 2024

- Earned first place prize with the best use of the Reflex framework by developing an application aimed at predicting heart disease, showcasing proficiency in incorporating Google's Gemini AI, machine learning models, and APIs