JEREMIAH LIAO

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EDUCATION

Bachelor of Computer Science, California Polytechnic State University - San Luis Obispo   2022 - Present
3.88 GPA, Senior Standing
Relevant Coursework: Data Structures with Python, OOP with Java, Discrete Structures, Systems Programming with C, Design & Analysis of Algorithms, Intro to Software Engineering, Intro to Database Systems

SKILLS

Programming Languages	Java, Python, C, HTML, CSS, JavaScript
Technologies	React.js, Node.js, Express.js, REST API, Command Line, UNIX, Pandas, Git
Spoken Languages	English, Mandarin Chinese

EXPERIENCE

Front End Web Developer   June 2022 - December 2022
Vessel Golf   *Carlsbad, CA*

- Led projects in developing landing pages for eCommerce website in HTML, CSS, Javascript, Shopify Liquid.
- Researched/Implemented solutions for improving site speed and SEO (5% growth) through image optimization (1000 images), blog writing, and website/photo metadata editing

Business Intern   June 2021 - August 2021
Vessel Golf   *Carlsbad, CA*

- Inventory, Returns, Accounting, Sales Analysis utilizing Zapier, Quickbooks Commerce, Google Sheets
- Pitched product fadeout suggestions, new product development ideas

Software Intern   June 2020 - August 2021
Kneron   *San Diego, CA*

- Performed data collection and labeling of facial expression images for facial recognition model (1300 images)
- Wrote program to parse XML files using xml.etree.ElementTree API to return data regarding labeled facial expression
- Project generating automated email messages with O365 API and OAuth2.0
- Pupil data labeling for facial recognition model (10000 total images)

Software Test Intern   September 2020 - December 2020
DCV NET (Contracting Firm for Allion Labs)   *San Diego, CA*

- Performed data logging, debugging, software UI testing of car head units
- Wrote reports detailing nature of software bugs

PROJECTS

2D Forest Simulation Refactored codebase from procedural design to object-oriented design in Java. Implemented A* pathing strategy for improved entity. Designed & created new animated entities to perform actions inside the virtual world.

Tape Archiver Utility Created a Tape Archiver Utility with C to archive file paths into one file for transport. Implemented Archive, Listing (Regular and Long), and Extract features to be used in UNIX environment.

LEADERSHIP

- Musical Worship Leader of 3 years at HOPE Church Encinitas leading weekly Sunday morning worship playing guitar
- Canyon Crest Academy Varsity Swim Captain and Club President hosting team events and fundraising
- Competitive Programming Coach for students ages 6-12 on basics of programming and problem solving with C++