Artemis Tran

Software Engineer

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Skills:
C, C++, Python, JavaScript, XML/HTML, CSS,
SQL, Nodes.js, Retool, PyTorch, React, AWS

EDUCATION

University of California, Los Angeles — Los Angeles, CA
Bachelor of Science, Computer Science — Expected June 2025

- University Cumulative GPA: 3.54
- Relevant Coursework: Data Structures, Software Construction, Algorithms and Complexity, Computer Graphics, Computer Systems Architecture, Operating System Principles, Computer Networking

WORK EXPERIENCE

SimpleHuman — Torrance, CA
Software Engineering Intern — July 2023 - Sept 2023

- Constructed a campaign creation app for the marketing team to efficiently create and upload campaigns advertisements to a AWS S3 bucket, saving 5 hours per week in engineering resources
- Developed a projection planning tool for the inventory department that allowed for quick allocation of products and bulk modification of warehouse data, providing clearer insights to the sales team
- Used ReactJS and Retool to create an interactive node-based flow editor for the marketing team to visualize and automate campaign flow diagrams, helping the company save $250,000 annually
- Automated sync with Infobip SFTP server to update SQL databases with a list of active subscribers using AWS Lambda, eliminating delivery errors to deactivated numbers and non-subscribers

PROJECTS

FitPlannar Workout Application — Los Angeles, CA
Team Member — Feb 2023 - Mar 2023

- Constructed a full-stack fitness web application from scratch in six weeks, collaborating with three other team members to plan milestones and reach daily goals for a more efficient workflow
- Built frontend using ReactJS, creating dynamic visual data and charts for each individual user
- Implemented a user-unique calendar with CRUD operations for users to schedule custom workouts and add new exercises through an existing client-side database connected with NinjasAPI
- Streamlined debugging process by organizing multiple weekly meetings, extensively testing the program for potential errors and assisting team members in locating and fixing over twenty bugs

Computational Biologists' Society Hackathon — Los Angeles, CA
Team Leader — Dec 2023 - Jan 2024

- Led 3 other colleagues to build an efficient machine learning algorithm in 4 weeks to predict accessibility sites for DNA Sequences from a FAFSA file containing 270,000 random sequences
- Used PyTorch to develop a classifying neural network model containing linear and ReLU layers
- Awarded an honorable mention from UCLA professor Jason Ernst for demonstrating high accuracy predictions, correctly predicting over 5000 accessible sites out of 10000 submitted

LEADERSHIP

StemUp4Youth — Huntington Beach, CA
Vice President of Huntington Beach Chapter — Sept 2018 - June 2021

- Taught beginner and intermediate coding classes at the Huntington Beach Central Library

OTHER

Interests: Technology, Tennis, Reading, Cooking, TV, Running, Game Development, Table Tennis, PickleBall