

Darian Tan

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EDUCATION

University of California San Diego <i>Pursuing Bachelor of Science in Computer Science; GPA: 3.6</i>	Expected Jun. 2026 <i>La Jolla, CA</i>
<ul style="list-style-type: none">Coursework: AI: Probabilistic Models, AI: Search and Reasoning, Advanced Data Structures, Design and Analysis of Algorithms, Software Engineering	

EXPERIENCE

Sustainable Investment Group, UCSD <i>Quantitative Analyst</i>	Sep. 2024 – Present <i>La Jolla, CA</i>
<ul style="list-style-type: none">Applied quantitative models including ARIMA, GARCH, and Rolling Sharpe using Python and PandasLed the quantitative section for stock pitch competition, providing data-driven investment recommendationsConducted comprehensive analysis on F1 sponsors for quantitative trading competition using Yahoo Finance API	
Video Game Culture Club, Diablo Valley College <i>President</i>	Jun. 2022 – Jan. 2023 <i>San Ramon, CA</i>
<ul style="list-style-type: none">Led a student organization of 100+ members, organizing weekly meetings and special gaming eventsManaged club budget and secured funding for tournaments through successful proposalsIncreased membership by 30% through campus outreach initiatives	
Founder Meet Sales <i>Digital Marketing Intern</i>	Aug. 2021 – May 2022 <i>Dublin, CA</i>
<ul style="list-style-type: none">Posted on Build-in-Public sites which increased traffic by approximately 20%Mentored employees on implementing SEO strategies to boost organic trafficIntegrated and managed Google Analytics to track website performance metrics and user behavior	

PROJECTS

Restaurant Card Selector App <i>HTML, CSS, JavaScript, JSDoc, Agile</i>	Apr. 2025 - Jun. 2025
<ul style="list-style-type: none">Led cross-functional team through full software development lifecycle using Agile sprints and stand-upsEstablished development standards including JSDoc documentation, ADRs, and CI/CD pipelineCreated intuitive interface through iterative design process using Miro for wireframing and Figma for prototyping	
Spotify Overlay App <i>HTML, CSS, JavaScript, Spotify API, Electron</i>	Jul. 2024 – Aug. 2024
<ul style="list-style-type: none">Designed and developed a customizable desktop overlay application that interfaces with the Spotify APIImplemented expandable user interface components to display song information and playback controlsUtilized Electron framework to create a cross-platform application compatible with Windows and macOS	

TECHNICAL SKILLS

Languages: C++ (Proficient), Python (Proficient), HTML/CSS (Proficient), JavaScript (Proficient), Java (Familiar), Latex (Familiar)
AI Proficiency: Prompt Engineering, Large Language Model Utilization, AI-Assisted Data Analysis, Workflow Automation
Technologies: Electron, Spotify API, Google Analytics, Git, GitHub, Pandas, Yahoo Finance API, JSDoc
Data Analysis: ARIMA, GARCH, Rolling Sharpe, Statistical Modeling, Quantitative Finance
Soft Skills: Cross-functional Team Leadership, Agile Project Management, Stakeholder Communication, Data-Driven Decision Making, User Experience Design, Technical Documentation, Process Optimization
Certificates: Microsoft AI Product Manager, Advanced C++ Programming
Human Languages: English (Native), Bahasa Indonesia (Conversational), Spanish (Basic)