

AUSTIN MIN

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EDUCATION

Santa Clara University , College of Arts and Sciences Computer Science, B.S. Minors in Mathematics, Computer Engineering GPA: 3.78 Relevant Coursework: Data Science, Web/Data Mining, Applied ML, Algorithms, OS, Computer Graphics Activities: Association for Computing Machinery, BroncoSec (BroncoCTF 2023 1st place), Math/CS Society	Expected Dec 2025 <i>Santa Clara, CA</i>
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EXPERIENCE

Sports Science Data Analytics Intern <i>Santa Clara University Athletics</i>	Nov 2024 - June 2025 <i>Santa Clara, CA</i>
<ul style="list-style-type: none">Retrieved and processed >1m rows of GPS data from Catapult's APIs to generate heatmaps, scatterplots, and other visualizations to discover valuable insights for men's soccer coaching and training staffBuilt 3 ML models to predict match outcomes using sklearn given game stats from 50+ past matches	
Computing Intern <i>Lawrence Livermore National Laboratory</i>	June 2024 - Sep 2024 <i>Livermore, CA</i>
<ul style="list-style-type: none">Constructed a system for FN hires that sends approval requests to managers, processes approvals, and notifies completion of the process automatically using Power Platform, cutting labor by more than 50%Innovated the AGA ECM process by adding automated check-in date notifications and data processing using PPAF and a custom UI with PowerApps to improve efficiency in the director's office division	
Data Analyst Intern <i>Trane Technologies</i>	June 2023 - Nov 2023 <i>San Jose, CA</i>
<ul style="list-style-type: none">Employed HTML/PPAF to create an automated delivery tracking system with Oracle ERP for customersGenerated inventory/sales reports of 100k+ items using SQL and Python to assist supply managementPerformed inventory updates and closings through ERP system to support the accounting sector	

PROJECTS

SCU Purity Test	June 2025 - Oct 2025
<ul style="list-style-type: none">Built a Rice Purity Test for SCU using HTML/CSS/JS and GA4/GTM backend for user analyticsGarnered 3000+ visits and 500+ user submissions in the first month of website launch	
Restaurant Picker App	June 2025 - Present
<ul style="list-style-type: none">Implemented restaurant reviews, food pictures, user profiling/authentication and other data through APIs and Firebase backend to build a restaurant discovery and rating appDeveloped frontend with Flutter and integrated Google Maps visualizations and media scrolling	
SCU, I See You	May 2025 - June 2025
<ul style="list-style-type: none">Designed a campus building image classification system using 4 CNN models, optimized w/ Grid SearchManually collected and processed 1372 images for training, stored in cloud for accessibility and security	
Pre-Release Movie Ratings Predictor	Oct 2024 - Dec 2024
<ul style="list-style-type: none">Processed 17k+ rows of raw data by using feature selection/evaluation, encoding, and normalizationTrained 8 ML models on preprocessed data and used visualization methods to decide optimal models, resulting in ~85% accuracy, and tested models on 4 upcoming movies to predict their future ratings	

SKILLS

Languages: Python, C, C++, SQL, HTML, CSS, Javascript, Java, Dart, Luau, Bash, Verilog, Assembly, Chinese
Technologies: Git, GitHub, scikit-learn, pandas, PySpark, React, Flutter, Figma, Jupyter, MySQL, Vercel, Postman, Firebase, Qt, GA4, GTM, Linux/Unix, NLP, Three.js, SVG, PPAF, Jira, WebGL, Vue.js
Other: QA Testing, Agile SDLC, Agentic AI, LLMs, Web Design, 2D/3D animation, OSINT, Web Design, Cryptography, LaTeX, RegEx, Circuit Design, Notion, OBS, Video Editing, 3D printing, CAPMT Piano Level 12