DYLAN SAVAGE

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EDUCATION

Santa Clara University, Santa Clara, CA

Bachelor of Science, Computer Science, Expected Jun 2026

GPA: 3.62

Involvement and Awards

- Math & CS Society - Member - Participated in social, academic, and professional events regarding math and computer science
- Association for Computing Machinery - Member - Participated in weekly gatherings concentrated on various computer science topics
- Awarded SCU Bronco Scholarship - Earned through academic and extracurricular endeavors upon application
- Relevant Coursework - Object-Oriented Programming, Data Structures, Advanced Programming, Theory of Algorithms, Artificial Intelligence, Discrete Mathematics, Probability and Statistics, Single and Multi Variable Calculus

O'Dea High School, Seattle, WA

High School Diploma, Jun 2022

GPA: 3.98/4.0

Involvement and Awards

- High Honors (2018-2022) - earned by maintaining a GPA above 3.9
- Awarded the Mathematics Award - One of five discipline-specific awards, chosen for excelling in Mathematics
- Encounter Retreat Leader - led retreats focused on developing support networks within our community and emotionally developing young adults
- National Honors Society Member and Peer tutor in Math, Biology, and Physics

TECHNICAL SKILLS

- Programming Languages: C++, C#, Python, HTML, CSS, Java, Kotlin
- Frameworks: QT, React, Android Studios | Cloud Services: Azure, Firebase

PROJECTS

- MLB Win Predictor: Constructed and trained machine learning models to predict team wins using historical baseball datasets. Performed feature engineering and utilized K-Means to identify team similarities based on key statistics. Improved accuracy with random forest and gradient boosting
- Incident Aid: Led development of an Android application leveraging Kotlin and Android Studio, concentrated on enhancing efficiency and safety for first responders. Collaborated to utilize Firebase for backend functionality and real-time data sharing
- Safe Park SF: Collaborated on development of a web application to make parking easier based on car safety and parking availability. Developed frontend components by integrating Google Maps and Places API, and managed data handling through a Flask API connection
- UCCE Data Collection System: Designed a data collection system for University California's Compost Education Program aimed to promote community engagement. Leveraged GitHub pages for frontend development, Google Sheets API for backend, and Python to test key privileges

RELEVANT SKILLS

- Refined work ethic focused on time management and professional efficiency
- Interpersonal skills that facilitate effective collaboration within team settings

EXPERIENCE

Software Engineering Intern

Groopit, Seattle, WA   Jun 2024 - Aug 2024

- Spearheaded development of a Proactive AI feature for a data visualization tool, improving data intake capabilities
- Automated consistent data analysis by integrating external API data into structured data models
- Designed a repeatable process for an AI model to map and process API data, enhancing system efficiency
- Collaborated closely with cross-functional teams, analyzed technical specs, code reviews, and project iterations from initial research to deployment

Server

Rainier Golf and Country Club, Seattle, Washington   Jun 2023 - Sep 2023

- Collaborated with other restaurant staff members to ensure efficient operations
- Responded efficiently and professionally to guest inquiries

Ski Instructor

Webbski Ski School, Snoqualmie Pass, Washington   Dec 2020 - Feb 2021

- Instructed skiers of all ages and abilities on safety, proper form, equipment usage, and skiing techniques
- Prioritized parent inquiries, prioritizing safety measures, and managing various concerns to develop a secure and enjoyable atmosphere

INTERESTS

- Back-country skiing, triathlons, Shoulder to Shoulder, Involvement: Sigma Pi Fraternity