Tyler Ham

SOFTWARE ENGINEER

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SKILLS

Leadership	Python	Troubleshooting
Teaching	Java	Adaptable
Teamwork	JavaScript	HTML/CSS

EXPERIENCE

Code Ninjas   **June - September 2024**
Camp Sensei

Learned and taught six week-long camps on topics including AI, 3D design and printing, game development in Luau, and adding plugins to a sandbox game. Teamed with other Sensei to guide students through Scratch programming curriculum, and assisted students with problems

Hewlett Packard Enterprise   **August 2024**
Project Manager, Certification Pilot Program

Leader on a team of 30+ students during a mock crunch session to create an application for interpreting customer data. Coordinated tasks with backend teams through github, wrote an algorithm to determine the trend of consumer purchases, and helped organize data for visualization

Rocklin High School Coding Club   **2021- 2024**
Secretary

Overviewed attendance of meetings, taught members Python syntax in preparation for hackathons. Placed 4th out of 50+ teams in HPE CodeWars competition. Organized biweekly club meetings and Beta Tested competition software for HPE

Rocklin High School Computer Science Honor Society   **2020-2024**
Board Member

Recruited members and handled subcommittee applications. Conducted Repairs on Chromebooks for 17 schools in the Rocklin Unified School District. Gained experience with diagnosing technical problems and resolving them. Organized setup of faculty computers in preparation for the school year

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AWARDS

Joyce Raley-Teel Scholarship	**2024**
Placer Buddhist Church Scholarship	**2024**
Tamaribuchi Memorial Scholarship	**2024**
AP Scholar with Distinction	**2023**
XC/Track Scholar Athlete	**2023-2024**

ACTIVITIES

Hazard Detection Team, Slugbotics	**2024-Present**
Lead Tenor Sax, RHS Jazz Band & Wind Ensemble	**2021-2024**
Lifetime Member, California Scholarship Federation	**2020-2024**

EDUCATION

B.S Computer Science, University of California, Santa Cruz   **2024-Present**
Current Freshman

High School Diploma, Rocklin High School   **2020-2024**
4.38 GPA, **15** AP/Honors Courses

RELEVANT COURSEWORK

- **Programming Abstractions (enrolled)**
- **Computer Systems and Assembly Language (enrolled)**
- **AP Calculus BC**
- **AP Computer Science A**
- **AP Computer Science P**
- **AP Physics 2**

INTERESTS

Model Kits	Music	Cooking
3D Printing	Competitive Programming	Bouldering