

Aaron Hamilton

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EDUCATION

California State University San Marcos - GPA: 3.6 **San Marcos, CA** *Bachelors in Software Engineering - Expected - Spring 2025* - **Awards:** Dean's List: Fall 2021, Spring 2022

Relevant Coursework: Computer Science I & II (C++), Assembly and Digital Circuits (MIPS), Data Structures & Algorithms, Computer Architecture, Operating Systems

PROJECTS

Pomodoro Helper - *Google SPS Summer 2022*

- Collaborated with my team to create the PomodoroHelper and demo it to a team of Google Engineers. PomodoroHelper is a student assistant web app that helps students manage their goals and their study time
- Learned **JQuery**, **SQL**, and different data related technologies for the backend of a web app
- Worked on teams with the guidance of a Google Software Engineer mentor and other sprinters

EXPERIENCES

npm CLI - *CTI-CodeDay SWE Internship*

- Contributed to npm CLI, a project with over 17 million users that allows the installation and management of user-made packages from the npm registry for their **JavaScript** projects.
- Refactored an error message, to provide more clarity, added onto pre-existing functions to check if error needs to be logged, and created a new function that exclude non-root readme and license files if the user wants, all with accompanying **Node Tap Testing**. (pull requests: [1](#), [2](#), [3](#))

Google Developer Student Clubs San Marcos, CA - *Technical Lead Aug. 2022 - Present*

- Hosted different technical workshops learning different areas of Software Engineering
- Taught other Computer Science students about **React.JS** through workshops and demos
- Collaborated with other board members in different projects hosted by the club

STEM Success Center CSUSM, CA - *Computer Science Tutor Aug. 2022 - Present*

- Tutor fellow Computer Science students with their coursework through Socratic questioning
- Explain complex Computer Science concepts and code through spoken word
- Worked on a team of like-minded tutors in helping out our fellow students and community

SKILLS

Programming Languages: Python, C++, HTML, Java, CSS, JavaScript

Tools: Atom, Git/GitHub, UNIX, Windows