

THOMAS MERRITT

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Skills: Javascript, Java, Python, Github, HTML, CSS, React, Flutter

EXPERIENCE/ PROJECTS

TRAPNSTUDIO - Riverside, CA - Software Engineer Intern	Present
<ul style="list-style-type: none">• Worked with Firebase's Realtime Database and Spotify's API system to develop quality-of-life user implementations.• Utilized both front-end/ back-end elements to filter data streams of musical titles by their respective genres• Gained exposure to software engineering environments and workflow.	
UCR ROSEHACK - Python Application / Raspberry Pi	2024
<ul style="list-style-type: none">• Used Raspberry Pi to emulate Alexa-like functions to learn about day-to-day information• Utilized APIs such as OpenAI, weather API, etc. to get both general/current information• Implements speech-to-text / text-to-speech API to emulate Alexa user interactions	
UCR CUTIEHACK - Python Application	2023
<ul style="list-style-type: none">• Utilized SQLite queries to access and filter data from Chrome history• Implements speech-to-text API and GUI for convenient usage	
UCR CUTIEHACK - Web Application	2022
<ul style="list-style-type: none">• Won top 10 (Best Themed Project) out of 600 people• Developed an endless tower defense game using main Javascript on canvas• Designed/programmed game mechanics and player interaction flow for the entire app	
UCR ROSEHACK - Unity Game	2022
<ul style="list-style-type: none">• Built endless platform game in C# with RPG elements	
THOMASMERRITT.ME - Web Application	2021
<ul style="list-style-type: none">• Illustrated and developed a personal website utilizing JS, CSS, and HTML• Devised for full platform support including mobile	

EDUCATION

COLLEGE OF THE CANYONS - Valencia, CA	
<i>AS-T Computer Science; CS GPA: 4.0</i>	2022
UNIVERSITY OF CALIFORNIA RIVERSIDE - Riverside, CA	
<i>B.S. Computer Science; Cum. GPA: 3.63</i>	Present

RELEVANT COURSEWORK

Algorithms & Data Structures, Discrete Math, Computer Architecture, Computer Organization, Object Oriented Programming, Artificial Intelligence, Operating Systems, Automata Theory, Web Development