

THOMAS MERRITT

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Profiles: <https://thomasmerritt.github.io> | LinkedIn: [in/thomas-merritt](https://www.linkedin.com/in/thomas-merritt) | Github: *ThomasMerritt*

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

EXPERIENCE/ PROJECTS

TRAPNSTUDIO - Riverside, CA - Software Engineer Intern Present

- 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

- 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

- 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

- 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

- Built endless platform game in C# with RPG elements

PERSONAL WEBSITE - Web Application

- 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

AS-T Computer Science; CS GPA: 4.0 2022

UNIVERSITY OF CALIFORNIA RIVERSIDE - Riverside, CA

B.S. Computer Science; Cum. GPA: 3.63 Present

RELEVANT COURSEWORK

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