Derrick Lee

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Education

Santa Clara University   9/16-5/20 (exp)

B.S. Computer Science

Skills

Languages   // JavaScript, Node.js, Python, C++, HTML5, CSS, Rust, ARM Assembly

Libraries   // Vue.js, Nuxt.js, jQuery

Programs   // Adobe After Effects, Adobe Photoshop

Projects
Source code for projects can be found at github.com/drklee3

discord-custom-commands   10/17

A custom commands chat bot for Discord that allows users to create their own commands. Written in Rust and uses a SQLite database for storing data.

nuxt-yt   8/17

Web app that automatically aggregates and tags YouTube videos based on certain criteria utilizing the YouTube Data API. Features include a search and video statistics. Uses Node.js and the Express framework for the backend, Nuxt.js for server side rendering, Vue.js for frontend, and SQLite for storing video data.

headphone-recommender   7/17

Web app that analyzes MP3 files and recommends 100+ headphones based on price, form factor, and music sound signature using Python and the Flask framework.

vlive-dl   7/17

Command line tool using Node.js that assists with downloading and merging videos & subtitles.

ApliaTotalGrade   5/17

Tampermonkey userscript made with JavaScript to calculate and display total grades for Aplia.com.

GifGif   12/16

Electron application that creates gifs from video input.

Awards

City of Cupertino "Solve the Streets" Challenge winner

Analyzed the traffic situation in the Silicon Valley and created a video addressing local traffic problems and proposing realistic and effective ways of improving transportation.