## Rahul Dharmaji

 $\label{thm:computer} \begin{tabular}{ll} Undergraduate Student-Computer Engineering \\ rdharmaji@ucsb.edu-\underline{iika.re}-linkedin.com/in/rdharmaji \\ \end{tabular}$ 

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University of California, Santa Barbara

## Skills

- Daily user of arch/i3 as a Linux development environment
- Frequent usage of vim, git, and make for personal coding projects
- Experience in shader development with OpenGL+GLSL
- Skilled in building desktop applications with C/C++
- Heavy user of LaTeX to write reports and format data
- Able to build embedded software using Verilog/C.

## **Projects**

Using open-source MIDI-handling APIs, built a desktop application to visualize live and prerecorded MIDI input. Created custom UI workflows to optimize user experience.

## Experience

Vvu Labs. Inc.

Installed, tested, and certified development builds for iOS and Android. Ran debugging tools with breakpoints to identify bugs in unit test cases. Adjusted live streaming parameters (bitrates, framerates, resolutions, etc.) to determine optimal rendering configurations for mobile phones, tablets, and laptops. Logged bugs with developers and pushed builds onto QA servers.

Valkyrie Robotics

Assisted in fulfilling logistics and operations management for the organization by supervising students in the workshop. Worked with the organizations recruitment committee to help expand membership. Provided graphic design and media support by designing flyers and posters for organization events.