Rahul Dharmaji

Undergraduate Student – Computer Engineering rdharmaji@ucsb.edu – <u>iika.re</u> – linkedin.com/in/rdharmaji

	1							
\mathbf{E}	ി 1	17	00	1 נ	- 1		m	ì
1 /	่งเ	٠,		λu	U	ι.	,,,	ı

& Statistics

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 use Verilog to define the operations of microcontrollers

Projects

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

Experience

Vyu Labs, Inc.

Software Engineering Intern 6/20 – 9/20

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.