Rahul Dharmaji

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University of California, Santa Barbara

B.S. Computer Engineering · GPA: 3.87 · · · · · · 9/19 – 6/23 (expected)

Data Structures & Algorithms, Computer Vision, Application Programming, Audio Processing, Automata & Formal Languages, Sensor and Peripheral Design, Analog/Digital Circuits & Systems, Boolean Algebra, Digital System Design, Discrete Math, Linear Algebra, Differential Equations, Vector Calculus, Probability & Statistics

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 develop for embedded systems using Verilog/C

Projects

nodumi – Graphical MIDI Visualization · C++ (– iikare/nodumi) · · · · · · · · 6/20 – present 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

Valkyrie Robotics

Vyu Labs, Inc.