Mindluster Platform

About the course Building an arduino Light gun basics

Course Presenter : 0612 TV w NERDfirst

Building an arduino Light gun, in this course we will learn about the Building an Arduino Light Gun Course, exploring the fundamentals of creating an interactive light gun using Arduino technology. The course starts with an introduction to the components needed, including photoresistors, infrared sensors, buttons, and laser modules. Youâ€™ll learn to assemble the hardware, write code to control the light gun, and calibrate it for precise targeting. Topics include signal detection, integrating the gun with targets or screens, and troubleshooting common issues. By the end of the course, youâ€™ll have a fully functional Arduino-based light gun ready for use in gaming or educational projects. Whether youâ€™re a beginner or an experienced maker, this hands-on course equips you with the skills to design, build, and customize a light gun, fostering creativity and technical expertise in electronics and programming. 0612 TV w NERDfirst

Computer Science Category's Courses

Course Lesson(12)

Lesson 1 : **Run an 8x8 LED Matrix using 3 pins**

Lesson 2 : **Build a Brute Force Sudoku Solver**

Lesson 3 : **Program a Particle System in 30 Minutes**

Lesson 4 : **Building an Arduino Light Gun**

Lesson 5 : **Markov Chains Make a Chatting AI**

Lesson 6 : **Integrated Circuits w Shift Register demo**

Lesson 7 : **Programming an Exercise Bike**

Lesson 8 : **Bubble Sort on Little Man Computer**

Lesson 9 : **Websockets Creating a Chat webapp**

Lesson 10 : **I made a Nerdle Solver with as many Software Engineering concepts as I could**

Lesson 11 : **Building a Cheat Color Sensor**

Lesson 12 : **Vlog I surveyed Reddit and got 896 responses**

Related courses

Linear Algebra for Computer Scientists

Insertion Sort

Bubble Sort

GCSE Computer Science

Random Access Memory

Binary Trees



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