

Sahibjot Singh

Ambitious High School student and avid programmer

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Experience

Edison Hack Club - Co-founder

July 2022 - Present

Leading a chapter of Hack Club at Thomas Edison CTE High School. Working as the chief engineer, and planning events, projects involving CS for the Edison community by the Edison community.

Research at MCRL, NYU

June 2022 - August 2022

Worked along with PhD students at the Mechatronics, Controls and Robotics Laboratory at NYU as part of the ARISE program. Designed and created the Data Acquisition System.

Education

Thomas A. Edison CTE High School - GPA: 96.76

September 2020 - Present

Enrolled in the Robotics CTE Course

Irwin Altman Middle School

September 2017 - June 2020

Projects

Personal Website - September 2022

A website that works as a portfolio/blog for more info about my projects and undertakings.

Data Acquisition System - July 2022

A general use and customizable system that can parse data from a variety of robotic and mechatronic systems. Made using Unity3D and C# as part of research done at MCRL.

Robot Uprising - August 2021

Small scale platformer written in C++ along with SFML.

Game of Life Editor - June 2021

A simple application written in C++ that allows you to edit seeds and simulate Conway's Game of Life.

Skills

Can program in C++, python, C, Javascript, C#, Java, HTML, CSS

Have experience working with Git, Github, Unity3D, Numpy, Matplotlib, Fusion 360

I also work with Arduino and other microcontrollers, electronics, and 3D printing technology

Strong mathematical and problem solving skills

Languages

English - Fluent, read/write

Punjabi - Fluent, read/write

Hindi - Working proficiency

Achievements

First Place Winner at CodeOverflow Hackathon

Consistent Honor Roll

PSAT Score: 1410