

# Aditya Singhania

**Student,  
Yale-NUS College**

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## Skills

### *Programming*

*Intermediate:* C (undergraduate level course), C++ (two years of schooling), CSS, HTML

*Beginner:* Github, JavaScript, Python, R

### *Art & Design*

*Advanced:* Photoshop, Premiere Pro

*Intermediate:* After Effects

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## Projects & Experience

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### Personal Profile

Current student at Yale-NUS College in Singapore. I believe knowing how to learn is the most important skill in the field of Computer Science. I have a strong willingness to learn and expand on any skill that a task requires and that I may not currently possess. I've previously created my own programmes using C++ and have worked with data structures and algorithms in C. I've held many leadership positions throughout school and later. I love collaborating with others and working in a team.

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### ModExchange / C, C++

AUGUST 2017 - PRESENT

Automated my school's annual stock exchange using C++ for the backend and Windows Forms for the front end.

### OnBoard / Founder

MAY 2020 - PRESENT

Helped ideate and design a product (work in progress) that would allow interns to input their resume in a modular checkbox fashion so that computer algorithms may easily connect them to firms.

### TalkTime / Founder

JANUARY 2018 - PRESENT

Helped ideate and design an app that connects those in need of human connection (such as patients of PTSD, Autism, Depression etc.) to crowd-sourced volunteers on the phone.

### The Marketplace / Founder, Card Game

AUGUST 2017 - PRESENT

Created my own economics based trading card game for 18-36 players where there is a simulated market with scarce resources.

### **hack / Founder, Computer Science Course For Kids**

APRIL 2017 - JANUARY 2018

Held a short summer and winter course to teach children aged 8-15 the basics of computer science and computational thinking through MIT's Scratch.

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## **Education**

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### **Yale-NUS College '2024 / Prospective Mathematics, Computational & Statistical Sciences Major**

AUGUST 2020 - PRESENT, Singapore

### **Modern School Vasant Vihar / High School Diploma**

CLASS OF 2019, New Delhi, India

Scored 100 in Computer Science (C++) in India's Central Secondary Board of Education Graduation Examinations with a best of 4 of 96.25%.

### **CS50x / Harvard University**

APRIL 2017 - JULY 2017, edX

A 12 week course that helps one gain a broad and robust understanding of computer science and how to learn, through C & Python.

### **Python For Everyone / University of Michigan**

JANUARY 2020 - FEBRUARY 2020, py4e.com

An entry level python course offered by the University of Michigan.

### **Website Development Pathway / Codecademy**

MAY 2020 - PRESENT

A programming pathway on codecademy that takes you through multiple courses to learn how to work with the web.

### **ACT / 35**

OCTOBER 2017

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## **Awards**

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### **Yale-NUS College Faculty Scholarship (total support: \$82,000)**

### **Sardar Bhagwant Singh Award for Excellence in Research**

A school-level Award to present your own preliminary research in a group for a social issue.

### **Principal's Award in Recognition of Outstanding Spirit of Dedication**

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## Leadership Positions Held

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**President /** Computer Science Club

HIGH SCHOOL

**President /** Mathematics Club

HIGH SCHOOL

**President /** Economics Club

HIGH SCHOOL