

# Aayush Sood

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## EDUCATION

### Bay View High School

Secondary School - Grade 11

Upper Tantallon, NS

Sep. 2023 – Present

### Ridgecliff Middle School

Middle School

Beechville, NS

Sep. 2019 – Jun. 2023

## ACCOMPLISHMENTS

### Some of my notable achievements, including but not limited to:

Since 2019

- Competitively programming on [CodeForces.com](https://www.codeforces.com), Rating 1001, since 2024
- Public Relations Manager for Nova Scotia Secondary School Students' Association (NSSSA), since 2024
- Completed Harvard's CS50x: Introduction to Computer Science course on [edX](https://edX.org), 2024
- Invited to and participated in an exclusive summer math camp hosted by Dalhousie University, 2024
- Volunteered 200+ hours as a Camp Counselor during Canada Games Centre (CGC) Summer Camp, Halifax, 2024
- Recipient of the Student Council Innovative Mind Award in Grade 10, 2024
- Made Honour Rolls and received Certification of Distinction in Junior division of University of Waterloo's Canadian Computing Competition (CCC), 2024
- Cabinet member on Nova Scotia Ministers' Student Advisory Council (MSAC), since 2024
- Member of Bay View High School's Student Council and Founder and President of the Technology club, since 2023
- Recipient of the Mathematics Achievement & Citizenship Awards in Grade 9, 2023
- Achieved first place in a regional Improv competition, 2023
- Completed 85+ challenges on [LeetCode.com](https://leetcode.com), since 2022
- Earned several medals in regional Brazilian Jiu Jitsu competitions, 2022-2024
- Completed 50+ challenges on [FrontendMentor.io](https://frontendmentor.io), since 2020
- Recipient of Bronze Star and Bronze Medallion of the Nova Scotia Lifesaving Society, 2019-2021

## PROJECTS

### Bay View High School - Mobile App | *React Native, JavaScript, Expo, Git*

July 2024 – September 2024

- Developed a Bay View High School Mobile app to present the school with a handheld presence
- Application developed using React Native framework, JavaScript and deployed using Expo
- The mobile app provides full compatibility with iOS and Android devices
- Application also submitted as a final project for Harvard's CS50x course

### Ben Eater's 6502 Project | *Python, Assembly*

April 2024 – July 2024

- A collection of hardware bread-boarding project surrounding the 6502 CPU, inspired by [Ben Eater](https://www.beneater.com)

### CoinDeno - Mobile App | *React Native, Git, REST, Firebase, CoinGecko APIs*

July 2022 – September 2022

- Created the React Native mobile enabled version of the CoinDeno Web, enabled for both iOS and Android and hosted on the Android Play Store
- Leveraged the React Native framework for a consistent cross-platform experience

### CoinDeno - Web App | *React.js, JavaScript, REST, Git, Firebase, CoinGecko APIs*

August 2021 – July 2022

- Created a React website that allows tracking and portfolio management of various Cryptocurrencies
- Utilized React, Firebase, and Redux for application development, with CoinGecko REST APIs for cryptocurrency data integration
- Deployed the application using continuous integration and continuous deployment (CI/CD) practices, ensuring reliability and fast iteration
- Integrated Google Auth for seamless user authentication

## TECHNICAL SKILLS

**Languages:** Python, C++, JavaScript, SQL, HTML, CSS/SCSS

**Frameworks:** React, React Native, Node.js

**Developer Tools:** Firebase, Cloudflare, Netlify, Git, GitHub, iOS, Android, Yarn, NPM

**Libraries:** Tailwind, Bootstrap

**Productivity Tools and OS:** MS Office, MS Teams, Google Suite, Jira, Adobe Photoshop, OBS Studio, Linux