

EDUCATION

- Jun 2017 - Nov 2020 **CEDAR GIRLS' SECONDARY SCHOOL** Singapore, SGP
GPA: 3.83/4.00
- Ministry Of Education (Integrated Program): Mathematics, Chemistry, Physics, English, Hindi, History
 - Involvements: Department Manager of Red Cross Youth, International Biomed Quiz, J&J WiSTEM2D Workshop, Imagineering Program
- Jan 2021 - Nov 2022 **VICTORIA JUNIOR COLLEGE**
GCE A LEVEL: 83.75/90 RANK POINTS | SAT:1450/1600
- AP: Physics, Chemistry, Mathematics, Economics, General Paper, Hindi
 - Involvements: Varsity Hockey Team, Member of Indian Students Association, Orientation Group Leader, Group Leader for 'SUTD Sustainable Design Hack' Competition
- Intended Graduation Date: May 2027 **VIRGINIA TECH** BLACKSBURG, VA
DECLARED MAJOR: COMPUTER SCIENCE (BACHELOR OF SCIENCE)
- Freshman Year Core Subjects: Intro to Software Design (CS 1114), Software Design and Data Structures (CS 2114), Accelerated Engineering (Enge 1414), Linear Algebra (Math 2114), Multivariable Calc (Math 2204)
 - Involvements: Member of Society of Indian Americans, Member of Indian Students Association, Core Member of JUVO (Archimedes)
 - Software Skills & Languages: Microsoft Excel, MATLAB Programming, Fusion 360, Python, Java

EXPERIENCE

- Jan 2024 - Present **CS RESEARCH TEAM** Blacksburg, VA
Undergrad Researcher
- Part of Professor T.M Murali's team that integrates computer science algorithms into the prediction of potential pandemic threats
 - Honed my research and coding skills, as well as broadened my perspective of the various fields in computer science
- Aug 2023 - May 2024 **TEAM JUVO (ARCHIMEDES)** Blacksburg, VA
Core Member
- Cleared two round of interviews and joined a team of 8 out of 200 interviewees
 - Worked with the team to create a wheelchair that is controlled by the user's brainwaves using BCI (brain-computer interface) technology coupled with EEG (electroencephalogram) techniques
 - Improved my imagineering skills while allowing me to use my theoretical knowledge in practical applications
- Dec 2020 **TEMBUSU HEALTHCARE** Singapore, SGP
Intern
- In charge of liaising with hospital representatives on the uptake figures of the Allergy Immunotherapy product
 - Used Microsoft Excel and basic Python code to compile findings and data trends to present to the director
 - Enhanced my effective communication and task oriented skills
- Oct 2020 -Nov 2020 **KALIDASS LAW CORPORATION** Singapore, SGP
Intern
- Participated in ongoing cases by studying case discussions and offered various perspectives
 - Part of a team that identified problems of marginalized groups and brainstormed potential solutions
 - Refined my critical thinking and presentation skills
- Jun 2018 **JOHNSON & JOHNSON** Singapore, SGP
Participant & Interviewer
- Partook in a 5 day workshop where I was exposed to various STEM concepts and careers, catalyzing my interest in the engineering and software world
 - Created a prototype using engineering concepts and presented it to a panel
 - Gained an incredible opportunity to interview Senior Director of J&J - Somi Kim (on women's influence in STEM careers)