

Neelie Shah

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EDUCATION

ROSE HULMAN INSTITUTE OF TECHNOLOGY | 2018-2022

Major: Computer Science and Software Engineering

Minor: Psychology and Data Science

Overall GPA: 3.77 **Department GPA:** 4.00

Fast Track Calculus Student: a selective program providing highly accelerated calculus classes

Programming Languages: Java, Python, Swift, HTML, Maple

MONTA VISTA HIGH SCHOOL | 2014-2018

RELEVANT COURSEWORK

Fall 2018/Winter 2018 - Object Oriented Software Development, Data Structures and Algorithms, Discrete and Combinatorial Algebra 1, Matrix Algebra and Systems of Differential Equations, Practical Cybersecurity 1/2, Physics 1/2

Spring 2019 - Discrete and Combinatorial Algebra 2, Operating Systems, Introduction to Computer Systems, Probability and Statistics

RELEVANT EXPERIENCE

Object Oriented Software Development Project | Fall Quarter

Created an arcade game using Java.

Application Development | Spring Quarter

Creating an app that makes class schedules, dining menus and class periods easily accessible.

Mentorship at Curai | Summer 2018

Learned about the intersection between Python and machine learning; Curai is a startup aimed at using ML and AI to provide trustworthy medical advice available to the public

Mechanical Engineer and Big Sister, Monta Vista Robotics | 2015-2018

Fabricated robot components using machine shop equipment and assembled the robot. Strategized with team to establish most efficient method to complete challenge. Communicated assembly challenges if present to design team.

Johns Hopkins Center for Talented Youth | Summer 2013-2015

Fundamentals of Computer Science (Python), Paradoxes & Infinities (Number Theory/Logic), Astrophysics

AWARDS/COMMUNITY SERVICE AND LEADERSHIP

Presidential Award for Community Service | 2017 and 2016

Lead Volunteer and Teacher, Organization for Special Needs Families | 2016-2018

Ambassador, HS Hacks | 2017

Lead Organizer and Volunteer, Vibha | 2014-2016

Volunteer, Facebook Women's Hackathon | 2016

CLUBS AND ACTIVITIES

Facebooks High School Preview Day 2018

DemonHacks (DePaul University's Hackathon) | October 2018

Chi Omega Women's Fraternity Member (XΩ) | November 2018

Member of SASE (Society of Asian Engineers)

Member of SWE (Society of Women Engineers)

Member of WOLFPAC (Women of Like Fields Passionate About Computing)

WORK EXPERIENCE

Grader, Teacher, and Lesson Planner | Kumon | Oct. 2017- Mar 2018

Teaching Assistant for Calculus & Statistics | De Anza College | Jan - July 2018