

# Aditya Jain

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## EDUCATION

### Irvine Valley College, Irvine

Aug 2023 - May 2025

Associates in Mathematics

*On track for Honors-to-Honors Transfer to University of California, Irvine*

Relevant Courses: C Programming, Computer Organization and Assembly Language, Introduction to Computer Science, Data Structures, Computer Discrete Mathematics, Linear Algebra, Differential Equations, , Multivariable Calculus.

GPA: 4.00

### Arnold O. Beckman High School

Aug 2019 - May 2023

Relevant Courses: AP Computer Science A, AP Computer Science

Awards: Principal's Honor Roll, National Honors Society, California Scholarship Federation

GPA: 4.18 (Weighted), 3.94 (Unweighted)

## SKILLS

**Programming Languages:** Python, C Programming, C++ , HTML, JavaScript, Java

## WORK EXPERIENCE

### Fostela - Data Analyst

Apr 2021 - June 2023

- Collaborated with students to develop, test, and deploy an iOS application to connect people with emergency services.
- Led data collection, data analysis, and user interface design using Firebase and Swift.

### CyberForward - Intern

May 2022 - Aug 2022

- Conducted case studies on vulnerability tests to identify potential security weaknesses in company systems and networks.
- Analyzed company policies and procedures to ensure compliance with industry standards and regulations.
- Developed detailed network diagrams to visualize system architecture and identify potential security vulnerabilities.
- Collaborated with team members to create and deliver presentations to clients, outlining various cyber threat scenarios and projects.

### Coder's Cafe - Coding Instructor

Jun 2020 - Jul 2023

- Led coding education initiatives at Coder's Cafe, focusing on teaching coding skills to students with learning disabilities and underprivileged backgrounds.
- Developed and implemented coding programs in multiple languages, including Scratch, Python, and Java, to cater to the diverse needs and skill levels of students.
- Served as the Director of Programs, overseeing the planning, implementation, and evaluation of coding programs to ensure their effectiveness and alignment with organizational goals.

### Coding Minds - Curricula developer

Oct 2021 - Feb 2022

- Designed computer language curricula for students at Coding Mind, focusing on creating engaging and effective learning experiences in Java and Python.
- Collaborated with teachers, therapists, and computer scientists to gather insights and feedback, ensuring that the curricula were tailored to the needs and interests of the students.

## OTHER EXPERIENCE | LEADERSHIP

### IBM's Intro to Quantum Computing - Student

Sep 2021 - May 2022

- Acquired knowledge in quantum mechanics, including mathematical concepts applicable to quantum computing.
- Developed proficiency in programming with Qiskit, a framework for quantum computing, to implement quantum algorithms and protocols.
- Gained practical experience in utilizing quantum computers through hands-on learning activities and simulations.

## PROJECTS

### Personal Website - Github Pages

Apr 2024

- Developed and hosted a personal portfolio website on Github Pages. Used HTML, Java Script, and CSS.