

APOORVA TALWALKAR

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EDUCATION

BROWN UNIVERSITY: Computer Science and Art. GPA: 4.0 **ScB, Computer Science with a specialization in AI and Graphics**

Providence, RI
Class of 2027

COURSEWORK

- CSCI 1430: Computer Vision
- CSCI 1230: Computer Graphics
- CSCI 0300: Computer Systems
- CSCI 0220: Discrete Structures and Probability
- SPRING 2025: Advanced Computer Graphics, UI/UX, Machine Learning, Deep Learning

BA, Visual Arts

COURSEWORK

- VISA 1110: Drawing
- VISA 0120: Foundation Media
- VISA 0100: Studio Foundation
- SPRING 2025: Painting II

Additional Information

- Fencer on NCAA Division I Varsity Fencing Team
- Clubs: Women in Computer Science, Art for Service, Society of Women Engineers (SWE)
- Sports Photographer for Brown Athletics
- Manager of Brown Fencing social media

SARATOGA HIGH SCHOOL. GPA: 4.40

Saratoga, CA
Class of 2023

- Graduated with very high honors
- 4 time AIME qualifier
- FTC Robotics: 2023 WORLDS Inspire Finalists, 2023 Regional Inspire Finalists, 2022 WORLDS Inspire Finalists, and 2022 Regional Inspire Winners
- Emerging Artist Award, City of Cupertino: 2022 Platinum Winner and 2021 Gold Winner
- To Be Honest Art Contest Winner: Fall 2022

EXPERIENCE

PANGEA: Software Engineering Intern

Summer 2024

Pangea is a cybersecurity startup that provides companies with microservices to embed directly into their products. Pangea hopes to aid companies building API-first products by making security for users easy.

- I created an automated documentation software that extracts code from existing packages and generates comprehensive documentation for the company's documentation site.
- This solution streamlines the documentation process for the company, reducing turnaround time from 2-5 days to under 2 hours.
- Through this project, I gained experience with databases such as SQL, and languages including React, JavaScript, and TypeScript

iBELIEVE.ai: Software Engineering Intern

2021-2022

iBelieve.ai is a startup that aims to bring AI/ML into the world of fashion by providing users with recommendations that are perfectly adjusted to their body type, style, skin tone, and more.

- I developed machine-learning models to deliver personalized clothing recommendations to buyers based on a user's size, body shape, and skin tone, enhancing the online shopping experience.
- I utilized Python for data processing and web scraping to crawl through various e-commerce clothing stores to collect and catalog product information

ADDITIONAL INFORMATION

Technical Skills:

- C/C++, Python, Java, React, SQL, Databases, Distributed Systems, Multithreading, Concurrency.
- Rendering, Raytracing, Shaders, OpenGL
- Adobe: Lightroom, Premiere Pro, Audition, Photoshop, Illustrator, InDesign