

# Adwait Sharad More

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## EDUCATION

**Arizona State University**  
*Bachelor of Science in Computer Science*

Tempe, Arizona  
Expected Graduation, May 2027

- **GPA:** 4.0/4.0
- **Honors:** Spring 2024 and Fall 2023 Dean's List, NAMU Scholarship Recipient
- **Related Coursework:** Computing in Python, Object-Oriented Programming, Data Structures and Algorithms, Statistics and Applications, Discrete Mathematics, Calculus I & II

## SKILLS

**Languages:** Python, Java, C++, C, SQL, JavaScript

**Frameworks:** NumPy, Pandas, p5js, ROS, NodeJs, Scikit-Learn, React, TailwindCss, Express, Mongoose, Nextjs

**Tools & Platforms:** Firebase, Docker, Stripe, Vercel, Git, Clerk

## EXPERIENCE

**Co-founder of Brev**

**Tempe, Arizona**

*Oct 2024 - Present*

- Led end-to-end development of a **web-based exam preparation platform** using **Nextjs and Node.js**, implementing personalized study tools and analytics that helped **1000+ students** optimize their learning strategies
- Established Brev's **educational content ecosystem** by launching and managing bi-weekly educational podcasts and organizing virtual study events, growing the active student community from **0 to 500+ members** within the first 2 months

**Research Assistant - CUBIC Labs**

**Arizona State University, Tempe**

*October 2024 - Present*

- Designed and implemented **100+ data collection protocols** for a machine learning model aimed at tracking medication adherence using wrist-worn camera technology, systematically capturing micro-activities involved in pill-taking processes
- Developed experimental methodologies to generate a comprehensive dataset for **training computer vision algorithms**, focusing on precision in capturing hand-object interactions and medication intake sequences

## PROJECTS

**Brev - Web based exam preparation platform**

- Developed full-stack web application using **Next.js**, with 4 AI-powered features, reducing student study time by **40%** through intelligent cheatsheet, mnemonic, mock test, and performance analysis tools
- Optimized frontend performance using **Tailwind CSS, shadcn UI, and Framer Motion**, achieving **95% Lighthouse performance score** and responsive cross-device compatibility
- Engineered RESTful backend with **Node.js and Express**, integrating **Gemini AI API** to generate dynamic educational content using natural language processing algorithms
- Implemented AI-driven performance analysis system that provides **70% more targeted learning insights** compared to traditional exam preparation methods

**Moodify - Real-time Emotion Detection Project**

- Developed deep learning sentiment analysis model using **TensorFlow and Keras**, leveraging the **Adam optimization algorithm** to train on a dataset of **35,000 facial emotion** images to achieve **72% accuracy** in real-time emotion detection
- Implemented computer vision preprocessing techniques with **OpenCV and scikit-learn** to enhance feature extraction and model robustness for emotion recognition
- Utilized **Pandas and NumPy** for advanced data manipulation and preprocessing, creating a scalable machine learning pipeline for emotion classification
- Designed open-source emotion detection model with potential applications in **AI-assisted mental health technologies**, demonstrating expertise in deep learning and computer vision techniques

## LEADERSHIP AND ACTIVITIES

**Director of Marketing and Community - Devlabs(ASU)**

*Fall 2024 - Present*

- Scaled DevLabs membership from zero to **400 active members** within two months through strategic recruitment campaigns and targeted outreach to computer science and engineering students
- Executed comprehensive social media marketing strategy, expanding **digital reach to 16,000 accounts** and significantly increasing engagement through data-driven content creation and community-focused communication approaches

## LICENSES AND CERTIFICATION

- **Human Research: IRB Social & Behavioral Research - CITI Program**
- **Research Security Training - CITI Program**

*Aug 2024 - Aug 2028*

*Aug 2024 - Aug 2028*