# DIYA DINESHBHAI CHAUDHARI

dchaud17@asu.edu | linkedin.com/in/diya004 | portfolio/Diyac004 | 602-565-6349 | Tempe, Az

## EDUCATION

**Arizona State University, Tempe, Arizona**                                   Aug 2023 — Expected: May 2027
**B.S. in Computer Science**                                                              **Current GPA: 4.00**
**Minor in Business**

## SKILLS

- **Hard Skills:** Python, Java, HTML/CSS, Javascript, Next.js, MongoDB, Google Cloud Console, Firebase, TypeScript
- **Software:** Microsoft Office Suit, Google Suit, Adobe(Indesign, Photoshop, Illustrator)
- **Soft Skills:** Communication, teamwork, leadership, problem-solving, work ethic

## EXPERIENCE

**Headstarter AI**                                                                                      Remote
*Software Engineering Fellow*                                                            July 2024 – Present

- Enhanced proficiency in AI, machine learning, and software engineering through hands-on experience
- Developed and delivered 5 AI-driven software projects within 5 weeks, showcasing skills in problem-solving and rapid prototyping
- Collaborated with a diverse team to implement cutting-edge technologies in real-world applications

**School of Mathematical & Statistical Sciences, ASU**                        Tempe, Arizona
*Instructional Aide & Grader*                                                        August 2024 – Present

- Assist in delivering course content to over 200 students across lectures and lab sessions.
- Collaborate with faculty members to design and implement instructional materials, boosting student performance by 15%.
- Lead group discussions and provide personalized support, improving comprehension of complex mathematical concepts by 40%.

**ENGR Academic & Student Affrs, ASU**                                          Tempe, Arizona
*Registration and Recruitment Assistant (R2)*                              March 2024 - August 2024

- Designed 10+ social media posts and templates using Canva, increasing E2 branding visibility and event engagement by 25%.
- Utilized Salesforce to maintain accurate records of 3000+ student registrations, contact information, and relevant data.
- Generated detailed reports on registration metrics and participant engagement, improving recruitment strategies by 15%.

## PROJECTS

**Orbit** — GitHub Link
*Next.js, TypeScript, Python, NodeJs, Tailwind CSS*                                    September 2024

- Developed an AI-powered travel planning tool, that creates personalized itineraries using real time data based on user inputs like destination, budget, days, etc.
- Integrated APIs such as FlightLabs and Gemini AI for real-time travel data.
- Built using Next.js, MagicUI, Clerk, and FastAPI for seamless functionality and smooth data flow.

**Inventory Management** — GitHub Link
*JavaScript, Tailwind CSS, Gemini AI, Firebase*                                          August 2024

- Built a web app to track inventory across store locations using JavaScript and Tailwind CSS for responsive design.
- Integrated Gemini AI to provide AI-driven suggestions for optimizing product sales, improving decision-making and profitability.
- Utilized Firebase for real-time database management, ensuring seamless data access and operational efficiency for retail businesses.

**PromptME** — GitHub Link
*Next.js, Javascript, HTML, CSS, MongoDB, Google Cloud Console, Vercel*                     July 2024

- Developed and deployed a full-stack web application using Next.js for seamless server-side rendering and MongoDB for data storage.
- Enabled users to discover and share real-life experiences, aiding informed decision-making in similar situations.
- Utilized Google Cloud Console and Vercel for efficient deployment and hosting.

**Smart Shoes** — GitHub Link
*Python*                                                                               September 2023

- Designed and developed smart shoes with Raspberry Pi for the visually impaired, enabling obstacle detection and surface safety assessment
- Created a companion mobile application for step tracking and shoe feature control
- Seamlessly integrated hardware and software components for an enhanced user experience

## ACHIEVEMENTS

- **HPE CodeWars(2022):** Secured 83rd rank out of 9000 participants all over India in HPE CodeWars coding competition
- **Science Olympiad(2017):** Secured bronze medal in International Olympiad of Science by SilverZone at the school level
- **Mathematics Olympiad(2019):** Acquired Silver Medal in International Olympiad of Mathematics by SilverZone at the school level and progressed to level 2

## EXTRA CURRICULAR

**Google Developer Student Club(GDSC)**
*Member*                                                                             Sept 2023 – Ongoing

- Participate in technical workshops, networking events, and collaborative projects focused on software development and innovation.

**Women In Computer Science(WiCS)**
*Member*                                                                              Aug 2023 – Ongoing

- Engage in initiatives that promote diversity, mentorship, and empowerment within the tech community.