

# DIYA DINESHBHAI CHAUDHARI

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## EDUCATION

Arizona State University, Tempe, Arizona  
B.S. in Computer Science

Aug 2023 — Expected: May 2027

## SKILLS

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

## EXPERIENCE

School of Mathematical & Statistical Sciences, ASU

Tempe, Arizona

Instructional Aide & Grader

August 2024 – Present

- Assist in delivering course content by supporting professors during lectures and lab sessions
- Collaborate with faculty to develop and implement instructional materials that enhanced student learning
- Facilitate group discussions and provided one-on-one support to ensure students' understanding of complex mathematical concepts

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

ENGR Academic & Student Affrs, ASU

Tempe, Arizona

Registration and Recruitment Assistant (R2)

March 2024 - August 2024

- Design social media posts and templates for E2 branding and events
- Maintain organized and accurate records of program registrations, participant contact information, and other relevant data
- Generate regular reports on program registration metrics and participant engagement

## PROJECTS

Inventory Management — GitHub Link

JavaScript, Tailwind CSS, Gemini AI, Firebase

August 2024

- Developed a web application to help shop owners track inventory across multiple store locations.
- Provided AI-driven suggestions for optimizing product sales.
- Enhanced decision-making 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 enabling users to discover and share real-life experiences, assisting others in making informed decisions in similar situations.

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

- GDSC is a student organization that fosters collaborative learning through workshops, empowering students to solve real-world problems in Computer Science, Software Development, and Data Science, with a primary focus on Google technologies

Women In Computer Science(WiCS)

Member

Aug 2023 – Ongoing

- WiCS is a student organization that acts as a support network and resource for women in technology by providing many social, academic, professional development, community outreach, and networking opportunities.