

# HEET DALSANIA

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## CONTACT

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[LinkedIn](#)

[GitHub](#)

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## SKILLS

- Generative Artificial Intelligence
  - Python
  - JavaScript
  - AWS AI and Machine Learning
  - Google Cloud Platform for AI and Machine Learning
  - Calculus
  - Academic Excellence
  - Problem-Solving Skills
  - Teamwork
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## EDUCATION

### High School

#### Basis Peoria

2021 - 2025

GPA: 4.65 (W), 3.92 (UW)

### College

#### Arizona State University

Barrett Honors College

Computer Science

#### Relevant Coursework

- MAT267 - Calculus III
- MAT243 - Discrete Mathematics
- CSE205 - Object Oriented Programming
- AP Computer Science Principles
- AP US Government and Politics
- AP Physics I and II
- AP Calculus I and II
- AP Biology
- AP Latin
- AP Environmental Science
- AP Chemistry

#### Relevant Extracurriculars

- Claude Builder Club
  - Hacker Devils Club
  - AI Scholars Society
  - Debate
  - Varsity Basketball
  - Chess Club
  - Volunteering
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## LANGUAGES

English 

Latin 

Gujarati 

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## PROFILE

As a dedicated student with a strong passion for Artificial Intelligence and Python programming, my educational goal is to pursue a degree in Computer Science with a focus on Data Science, AI, and Machine Learning. I am particularly interested in leveraging AWS, IBM, Oracle, and other AI and ML services to develop innovative solutions. Ultimately, my career goal is to innovate in the field of AI and ML, creating technologies that drive progress and positive change.

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## HONORS

- ASU Dean's List
  - AP Scholar award
  - NHS
  - JCL
  - NLE, 2 Gold Medal, 1 Silver Medal
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## CERTIFICATIONS

- Google Cloud Professional Machine Learning Engineer Certification
  - AWS Certified AI Practitioner
  - Deep learning Linear algebra for ML and Data science
  - Stanford University and Deep Learning Supervised Machine learning: Regression and classification
  - IBM Applied AI Professional Certificate
    - Introduction to Artificial Intelligence (AI)
    - Getting Started with AI using IBM Watson
    - Building AI Powered Chatbots Without Programming
    - Python for Data Science, AI & Development
    - Developing AI Applications with Python and Flask
    - Building AI Applications with Watson APIs
  - Oracle Cloud Infrastructure 2024 Generative AI Certified Professional
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## PROJECTS

### NBA Machine Learning Model

- Created a NBA MVP predictor model which uses past MVP data along with player stats from 1995-2024 to analyze the relevancy of each stat in contributing to MVP shares earned. Currently the model displays 90% accuracy.

### Stock Market News Aggregator

- Created a news aggregator web app which effectively aggregates and sorts relevant news based on day to day stock market operations.

### Saguaro Cactus AI Detection

- Engineering Projects in Community Service (EPICS ASU)
  - Developing a drone-based method to track and log cacti in Tonto National Forest
    - Mask-RCNN, YOLO11-seg
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## RESEARCH

### People and Robots Laboratory (PeRL)

- Computer Vision, Deep Learning, Machine Learning
- Mentor: [Professor Pooyan Fazli](#)
- Current Research Work
  - AI-Generated Video Detection

### Zero-shot and Few-Shot Learning for Rare Disease Diagnosis

- Biomedical imaging, deep learning, and computer-aided diagnosis
- Mentor: Professor [Jianming Liang, PhD](#) via ASU SCENE
- Publication: [Label-Efficient Chest X-ray Diagnosis via Partial CLIP Adaptation](#)

### Barrett Undergraduate Research Fellow

- Biomedical imaging, deep learning, and computer-aided diagnosis
  - Mentor: Professor [Jianming Liang, PhD](#)
  - Focusing on Achieving SOTA performance
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