

AKHIL PUTTABANTHI

Gmail : Aputt7@unh.newhaven.edu | LinkedIn: www.linkedin.com/in/akhil-puttabanthi-a06383211 | GitHub: [akhil442](https://github.com/akhil442)

PROFESSIONAL SUMMARY

Passionate data science student with a strong enthusiasm for learning and sharing knowledge. Highly driven by technology and always eager to explore new advancements in the field. Adept at problem-solving, data analysis, and leveraging data-driven insights to create impactful solutions. Seeking opportunities to apply analytical skills and innovative thinking in a dynamic environment.

AREAS OF INTEREST:

- Problem-solving using Data Structures and Algorithms
- Web Development
- Image Processing
- Machine Learning
- Data Science
- Database Management Systems

HARD SKILLS:

- Web Technologies: HTML, CSS3, JavaScript, React, AngularJS, Django
- Databases: MySQL, PostgreSQL, Firebase
- Web Servers: Apache Tomcat, JBoss

SOFT SKILLS :

- Communication,
- Time Management,
- Creativity and Adaptability.

EDUCATION

Tagliatela College of Engineering, University of New Haven ▪ West Haven, CT

August,2024-Present

Master of Science in Data Science

GPA : 4.0/4.0

- **Coursework:**
 - Machine Learning ▪ Introduction to AI ▪ Mathematics for Data Scientists ▪ Distributed and Scalable Data Engineering
 - Introduction to Programming for Data Science ▪ Introduction to Data Science.
- **Tools:**
 - Python ▪ Power BI ▪ SQL ▪ HTML ▪ Hadoop ▪ AWS Athena
- **Achievements:**
 - 30% Dean's Scholarship

CVR College of Engineering ▪ Hyderabad, Telangana

December,2020-May,2024

Undergraduate Degree in Computer Science

GPA : 8.96/10

- **Coursework:**

Data Structures Through C ,OOPS , Discrete Structures and Graph theory ,Python Programming , Advanced Data Structures Through JAVA , Database Management System , Mobile Application Development , Operating Systems , Computer Network and Security , software Engineering , Web Technology and Engineering , compiler Design , Big Data Analytics and Platforms , IOT , Linux Programming , Data Mining , Visual Programming , Cyber Security, Ethical Hacking , Block Chain Technologies.
- **Tools:**

WEKA, SQL, HTML, CSS3, JavaScript, React, AngularJS, Django, MySQL, PostgreSQL, Firebase, Apache Tomcat, JBoss.

AKHIL PUTTABANTHI

Gmail : Aputt7@unh.newhaven.edu | LinkedIn: www.linkedin.com/in/akhil-puttabanthi-a06383211 | GitHub: [akhil442](https://github.com/akhil442)

DATA & AI PROJECTS AND PORTOFOLIO

ATTENDANCE SYSTEM USING FACE RECOGNITION

December,2023– March,2024

- My team and I developed an advanced face recognition attendance system to address the inefficiencies of traditional methods using Haar classifiers, KNN, CNN, Generative adversarial networks, also utilizing advanced biostatistics for accurate face recognition and attendance reports are generated and stored in Excel format.

CARDIOTOCOGRAPHY USING MACHINE LEARNING AND ARTIFICIAL NEURAL NETWORK

June,2023– August,2023

- This project developed in Python, which is a technical means of recording the fetal heartbeat and the uterine contractions during pregnancy. It has been associated with a reduction in neonatal seizures, and with an increased risk of caesarean section (C section) and instrumental delivery. Sis Porto , used for the analysis of the fetal heart rate, provides real time alerts to aid intra partum management.

CODED AND DESIGNED AN ANALOG CLOCK

November,2022 -December,2022

- During my Christmas break, I developed a web application called Analog clock, where it works as an real Analog clock. I used pure HTML , CSS , JAVASCRIPT.

CREATED TIC TAC TOE GAME

April,2022 – May,2022

- In my leisure time I also created an tic tac toe game using HTML, CSS, JAVASCRIPT.

PROFESSIONAL CERTIFICATIONS & MEMBERSHIPS

WORKSHOPS ATTENDED :

- 1) Attended Ethical hacking workshop jointly organized by Ingenuity and CVR CSI student branch.
- 2) I actively engaged in a technical workshop on job search strategies hosted by the Ingenuity Club at CVR College, where I earned recognition and awards for my performance.
- 3) I have attended various coding workshops on platforms such as Geeks for Geeks, LeetCode, and HackerRank, and actively participated in multiple editions of the Smart India Hackathon.

EXTRACURRICULAR ACTIVITIES :

- I was a member of the Computer Society of India (CSI) and created a coding club in the college where students do a lot of R&D to solve challenging problems.
- My friends and I started a cleaning club in our college to create awareness on cleanliness and encouraged many students to participate in it.
- I spearheaded in 5K Run program in our college regarding the plastic ban.
- I was also a member and volunteer for two years in the IEEE, a global professional society comprising students and professionals from engineering and related disciplines. I participated in numerous science expos held at my school.

ACHIEVEMENTS

AKHIL PUTTABANTHI

Gmail : Aputt7@unh.newhaven.edu | LinkedIn: www.linkedin.com/in/akhil-puttabanthi-a06383211 | GitHub: [akhil442](https://github.com/akhil442)

- I received certification as the best organizer from both my department head and our coordinators for successfully conducting a technical event titled "A Degree in a Day." This event is part of the national tech event Cypher.
- I obtained a participation certificate for taking part in a national swimming competition organized by The Pupil International School (IB) in Chennai.
- I also secured a campus ambassadorship at CVR and received an internship opportunity from My Captain, an e-learning platform.
- I completed a course on Networking Essentials from CISCO Network Academy.
- I have been awarded numerous gold medals and achieved both first and second prizes in badminton and volleyball competitions conducted at both school and college levels.
- I received a completion certificate from Salesforce, a software company, recognizing my accurate completion and timely submission of a task.