

HAMSARAJ TUPTHI

Chico, CA | P: 5306309805 | hamsaraj.tupthi18@gmail.com | linkedin.com/in/hamsaraj-tupthi/

EDUCATION

CALIFORNIA STATE UNIVERSITY – CHICO, CALIFORNIA

Expected May 2023

Master of Science in Computer Science.

CHAITHANYA BHARATHI INSTITUTE OF TECHNOLOGY – HYDERABAD, INDIA

Aug 2016 – Oct 2020

Bachelors of Engineering in Computer Science.

EXPERIENCE

MATH TUTOR – Chico, California

Oct 2021 – Present

- On campus part time job.

ACCENTURE – Hyderabad, India

Feb 2021 – Aug 2021

Software Engineer

- Exercised meticulous problem-solving skills with systematic thinking and informed decision-making.
- Built web applications and software using HTML, CSS, and JavaScript among others.

TECHNICAL SKILLS

C, Java, C++, Python, OOPS, SQL, PHP, JavaScript, DBMS, HTML5/CSS, Data Structures and Problem-Solving, Machine-Learning, Artificial Intelligence, Natural Language Processing.

COURSE PROJECTS

PLANT DISEASE DETECTION USING IMAGE PROCESSING

2019– 2020

- Developed API using python to take image input and process it for disease detection.
- Used K means clustering and machine learning algorithms for feature extraction.
- Trained Artificial Neural Network using the different disease affected images with accuracy of 98%.

Technologies used: Python, Machine Learning, Neural Networks.

ONLINE BOOK RECOMMEND SYSTEM BASED ON COLLABORATIVE FILTER TECHNIQUE

2018– 2019

- Created a C++ project using Anaconda platform which takes input from .csv files.
- Used Collaborative Filtering Technique for recommendations.

Technologies used: C++, Anaconda.

DIGITAL BLOOD BANK SYSTEM

2017– 2018

- Designed API using NetBeans which takes input from blood donor.
- Stored the information entered by donor in a database using SQL, receiver can retrieve information or request for blood.

Technologies used: Java, SQL, NetBeans.

CERTIFICATION

Programming, Data Structures and Algorithms

- This certification is provided by NPTEL. After clearing their assessment.

MACHINE LEARNING

- This certification is provided by Coursera. After clearing their assignments and assessment.