

Ankita Tripathi

CONTACT INFO

Phone

+91 9819015554

Email

ankitatripathi95@gmail.com

Links

[LinkedIn](#)

[GitHub](#)

[Website](#)

EDUCATION

Bachelor of Science in Computer Science

August 2017 – May 2021

University of Central Florida, Orlando, USA

- Minors in Intelligent Robotic Systems and Cognitive Sciences
- GPA: 3.66
- Honors: Dean's List (Spring 2018, Fall 2018, Fall 2019, Spring 2021), President's Honor Roll (Fall 2020)

EXPERIENCE

Software Developer

March 2023 – Present

Chandra Prime, Mumbai, India

- Developing custom IoT-based weighbridge management software using C# and .NET
- Developing a prototype interface for data collection from load cell sensors and on-site cameras for record keeping and loss prevention
- Developing a notification service to send data for every use event on weighbridge via email and SMS channels

Software Development Intern

January 2023 – February 2023

FULL Creative, Chennai, India

- Implemented a login functionality proof-of-concept using Java Servlet technologies
- Gained working knowledge of the Spring framework and MVC architecture
- Led intern group of 8 and conducted discussions for technical learning and team building

Undergraduate Research Assistant

August 2020 – May 2021

Department of Biology, University of Central Florida, Orlando, USA

- Implemented a machine learning model using Keras, to classify images of native biodiversity
- Performed data collection and preprocessing, and constructed an image classification model that incorporated data augmentation and segmentation to optimize model accuracy

SKILLS

Programming Languages

Java, Python, JavaScript, C#, .NET

Other technologies

Git, TensorFlow/Keras, OpenCV, NumPy, SciPy, Pandas, Scikit-learn

PROJECTS

ParaSpeech: A Speech Therapy App

August 2020 – April 2021

Capstone Project, University of Central Florida

- Built a cross-platform speech therapy mobile application for aphasia patients, using React Native and Firebase
- Implemented a scoring algorithm that grades the user on their speech therapy practice, using lip recognition via TensorFlow.js and OpenCV libraries

BERT Product Rating Predictor

September 2020 – December 2020

Machine Learning, University of Central Florida

- Developed a rating predictor for products listed in the "Electronics" category on Amazon, using textual product reviews and the BERT model for Natural Language Processing
- Performed data preprocessing, model training, testing, cluster analysis, and human vs model intuitiveness evaluations

CERTIFICATIONS

Goldman Sachs

Virtual Experience Program Participant

July 2022

Participated in the open access Goldman Sachs Virtual Experience Program with Forage

- Completed task: crack leaked password database