Hruday Rajput

(917)-861-2029 • rajputhruday@gmail.com • in/hrudayrajput • hrudayrajput.com

EDUCATION

Stony Brook University   Expected Graduation in May 2023
Bachelor of Science in Computer Science   GPA: 3.47/4.00
- Relevant Coursework: Data Structures, Analysis of Algorithms, Software Development, Machine Learning

PROFESSIONAL EXPERIENCE

Campus Residences Information Technology | *August 2021 - Present*
Student Technician Support Specialist | Stony Brook University
- Working with student technician team to resolve IT related issues on campus through a client ticket system
- Requires frequent communication with clients and related campus departments to ensure prompt resolution
- Maintaining an average ticket resolution time of 2 days, and 3-5 tickets resolved per day
- Currently working with the software team to develop an online status monitoring system for campus printer network in order to increase efficiency of our print team

Coca-Cola Campus Ambassadorship Program | *August 2021 - Present*
Brand Ambassador | Stony Brook University
- Responsible for coordinating with on campus organizations to co-host events and promote Coca-Cola brands
- Networking with campus leadership to find opportunities to reach a vast population of students
- Co-hosting 1-2 monthly events on campus and have sampled drinks to over 100+ students per event on average

PROJECTS

Image Classification with Machine Learning in MATLAB | *September 2021*
- Used Bayesian probability to create an algorithm that uses machine learning to identify ground pixels in images
- The algorithm learns from provided training images and associated ground truth to predict if a pixel is ground or not
- Experimented with alternative methods for the algorithm to process pixel data and achieved peak precision and recall values of 60%

Full Stack List Management Web Application | *October 2021*
- Built a full-stack web application that allows users to manipulate and save lists in a database with an intuitive UI
- Utilized ReactJS, HTML, and CSS to create an interface with editing and rearranging, as well as undo/redo functions
- Implemented the back-end with a MongoDB database connected through Mongoose and ExpressJS

Router Network Simulator in Java | *October 2020*
- Implemented stacks and queues in a decentralized program to simulate a customizable network of routers that exchange packets until they reach the destination
- Resulted in a customizable router network that allowed for analysis of trends based on variables such as packet size

Twitter Music Bot in Python | *November 2019*
- Deployed a twitter bot that creates live contests for users to guess a song's name based on an excerpt of its lyrics
- Used the Tweepy API to interface with twitter and automate the sending of posts and reading of replies
- Resulted in a user-friendly bot that was easy to set up and customize on the backend

ACTIVITIES & EXTRACURRICULARS

Theta Tau Professional Engineering Fraternity | *May 2020 - Present*
Current Treasurer - Former Service Chair and Brotherhood Chair
- Responsible for organizing and executing 2-3 group engagement events per month for members to attend
- Coordinating with co-chairs and secretary to book rooms, announce events, and ensure at least 60% attendance
- Currently managing fraternity accounts and balance sheets as treasurer. Involves gathering funds from members and budgeting for semesterly expenses associated with all the chairs and their events.

SKILLS & AWARDS

- Technical Skills: Python, Java, ReactJS, MongoDB, MIPS, OCaml, R, HTML, CSS, JavaScript, LaTeX, MATLAB
- Awards: The Congressional Award Gold Medal