

Hruday Rajput

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EDUCATION

Stony Brook University

Bachelor of Science in Computer Science

Expected Graduation in May 2023

GPA: 3.47/4.00

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%

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

Home Plex Media Server | *July 2017*

- Used harvested computer parts to build a computer capable of running a transcode media server over the network
- Used Plex server software to automate access via devices like Apple TV, Chromecast, Android, iOS, and Windows

ACTIVITIES & EXTRACURRICULARS

Theta Tau Professional Engineering Fraternity | *May 2020 - Present*

Current Treasurer and Social Chair - Former Service Chair and Brotherhood Chair

- Responsible for organizing and executing 2-3 group engagement events per month for members to attend
- Requires coordinating with co-chairs and secretary to book rooms, announce events, and ensure high attendance
- Adapting to COVID circumstances by creating a mix of online and socially distanced in-person events.
- 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

- Programming Languages: Python, Java, MIPS, OCaml, R, HTML, CSS, JavaScript, LaTeX, MATLAB
- Awards: The Congressional Award Gold Medal
- Proficiencies: Microsoft Word, Excel, PowerPoint, Google Suite, Notion