Revanth Reddy Burramukku

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EDUCATION

Georgia State University Honors College — Atlanta, GA   August, 2022 - Present
Bachelor of Science in Computer Science   *GPA: 4.08/4.3*

Awards Received: Presidential Scholarship for Fall 2023, President's List Awards for Fall 2022, Spring 2023

EXPERIENCE

Organizer   June, 2023 – Present
GTXR @ Georgia Tech   *Atlanta, GA*
- I work as an organizer for the Extended Reality Club, GTXR, at Georgia Tech. My responsibilities include organizing the ImmerseGT hackathon at Georgia Tech, and helping with the club events and activities on-campus.
- I am working on developing web applications to significantly enhance the virtual user experience of the hackathon and provide an immersive and enjoyable experience to every participant around the world.

Learning Environments Support Technician   Feb, 2023 – Present
Instructional Innovation and Technology @GSU   *Atlanta, GA*
- Coordinated and ensured the availability, installation, and maintenance of IT/AV enabled devices in various collaborative spaces such as classrooms, computer labs, conference rooms, and event spaces.
- Provided technical support and troubleshooting assistance to users of IT/AV devices, promptly addressing and resolving technical issues to minimize downtime and disruptions.
- Developed and maintained comprehensive documentation for all IT/AV devices, including user guides, technical specifications, and troubleshooting guides, to facilitate ease of use and troubleshooting

Machine Learning Intern   May 2023 - August 2023
iSuite Software Solutions Pvt. Ltd.   *Hyderabad, India*
- During my summer internship in India as a Machine Learning Intern at iSuite Software, a CRM software solutions company similar to SAP, I had the opportunity to work on various projects. My primary responsibility involved developing predictive models, analyzing client data to provide optimal recommendations based on historical data, and modeling the probability of sales using client data, employing logistic regression techniques. Additionally, I undertook the task of creating a customer segmentation application within the CRM system, utilizing decision tree algorithms. This application aimed to offer clients personalized insights into their company's various customer groups, taking into account their behavior, preferences, and purchase history. The resulting segmentation could then be leveraged to customize marketing campaigns and communications to meet each group's specific needs and interests. Furthermore, I contributed to the development of workflow automation features using decision trees. These automated processes encompassed functions within the CRM system, including lead assignment, follow-up scheduling, and task prioritization.

STEM Tutor - Chemistry   Jan, 2023 – Present
Georgia State University Learning and Tutoring Center   *Atlanta, GA*
- Provided one-on-one support to students as a STEM tutor at GSU, enabling them to achieve a deeper understanding of chemistry concepts and build a strong foundation in the subject.
- Demonstrated exceptional teaching skills by breaking down complex concepts and problem-solving techniques into easily understandable components, helping students grasp challenging material and succeed in their academic pursuits.
- Streamlined the learning process for students by developing comprehensive notes and study materials, enabling them to review and retain chemistry concepts more effectively and efficiently.

PROJECTS

UGAHacks | *Python, HTML, SCSS, JavaScript, GPT-3 API, MERN Stack*   Feb, 2023
- Created a software platform called LifeNet that helps communities address homelessness through the use of public kiosks and a donor website.The platform also includes a community leaderboard to encourage participation and a GPT-powered chatbot
- Accomplished this by building user side portal using MERN stack, GPT-3 APIs, Python which helps the user put a posting which will get updated to kiosks, which are placed in vulnerable areas.

Hacklytics 2023 @Georgia Tech | *Jupyter Notebook, NumPy, Pandas, Beautiful Soup* Feb, 2023
- Created a Machine Learning model where the user enters an article URL, and the ML model will return the output telling if the article that the user has entered is a Left wing or Right Wing biased.
- Accomplished this by using Beautiful Soap to run through the Article URL and pandas to retrieve datasets which included the probability of words left and right wing generally use, implemented a probablity formula which determines the outcome using NumPy and then based on conditionals outputs left or right

Portfolio Website | *HTML, CSS, JS* May, 2023
- Created a portfolio website using HTML, CSS, JS. https://revlord.github.io/portfolioweb/

Productivity Go | *Front-end stack, MERN Stack, TensorFlow* Summer 2023-Present
- Working on a platform where people can measure their productivity by the amount of time they spend in a specific location. Using Machine Learning algorithms, we analyze the best study spots and schedule time for students in a college to see where they are the most productive and give advanced study spot and schedule suggestions.

FurnitureHub | *VisionOS SDK, Unity* Fall 2023-Present
- Working on a mixed reality application that will sense a room and display a catalog of products from various companies. These products will be represented as AR models in the VR headset. Once a room preset is created, all the customized furniture for that room can be purchased directly from the respective companies.

TECHNICAL SKILLS

Languages: Python, C++, C#, Swift, HTML, CSS, JavaScript
Frameworks: MERN Stack, Flask, Tensorflow, Pandas, Mathplotlib, Beautiful Soap, Keras, Scikit-learn
Developer Tools: Git, GitHub