

ROHIT INAMPUDI

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EDUCATION

University of Florida College of Liberal Arts and Sciences (3rd Year)

Expected Graduation Date: May 2025

Bachelor of Science in Computer Science (Minor in Business Administration)

Cumulative GPA: 3.98

Relevant Coursework: Data Structures & Algorithms, Intro to Software Engineering, Information and Database Systems

EXPERIENCE

Machine Learning Researcher | *Python*

August 2023 – Present

- Utilizing a dataset of over 500,000 patients with Alzheimer's disease in the UK to train a machine learning model
- Striving to attain at least 70% accuracy with the machine learning model to determine early onset of Alzheimer's disease

Undergraduate Teaching Assistant

April 2023 – September 2023

- Collaboratively helped teach approximately 200 students' discrete mathematics and structures
- Worked with 3 other TA's and demonstrated leadership and effective communication through spending 5 hours a week conducting office hours and engaging discussions

Undergraduate Research Assistant | *Python*

July 2022 – December 2022

- Employed a dataset of over 1,000 genes to try and identify which gene expressions are most relevant in trying to predict breast cancer
- Successfully achieved about 75% accuracy with the machine learning model and identified a subset of 19 genes that best indicate the early stages of breast cancer

Horizon Academic Research | *R Studio*

June 2020 - August 2020

- Used a dataset from the University of Oxford, which had COVID-19 cases for all 196 countries for the last 200 days to create a predictive model to identify potential cessation periods
- Achieved a 70% accurate model using logistic regression for each country by identifying common variables such as "new_cases" and "total_deaths"

PROJECTS

E-Portfolio | *JavaScript, HTML, CSS* (<https://github.com/Rohit24567/Advanced-E-Portfolio>)

August 2022 – September 2022

- Developed an interactive e-portfolio website highlighting my projects
- Empowered recruiters to explore my work, access my LinkedIn and GitHub profiles, review my resume and connect via email for further engagement

Alien Invasion Game | *Python* (<https://github.com/Rohit24567/Alien-Invasion-Game>)

July 2022 – August 2022

- Designed and developed an engaging game project featuring a dynamic shooting experience where users eliminate descending alien invaders
- Implemented 30 levels with increasing difficulty with faster-moving aliens to enhance gameplay

CERTIFICATIONS

AWS Cloud Practitioner Certification

May 2022 – August 2022

- Achieved AWS Cloud certification, acquiring expertise in diverse AWS Cloud services, including AWS Lambda, Amazon Aurora, and Amazon Athena, for versatile and efficient cloud-based solutions.

Google Data Analytics Certificate Program

December 2021 - May 2022

- Successfully completed the Google Data Analytics Program, gaining proficiency in fundamental data analytics skills including data processing, visualization, and analysis using R programming.

SKILLS

Skills: Python, C++, R Studio, SQL, JavaScript, HTML, CSS, React, AWS, Git, Data Analysis, Software Engineering