DELORA PATRICIA ALMEIDA

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EDUCATION

Master of Science in Computer Science   *Expected May 2023*
University of Florida, Gainesville, Florida   *GPA: 3.44 / 4.0*

Bachelor of Engineering in Information Technology   *July 2017 - August 2021*
Goa College of Engineering, Goa, India

PROFESSIONAL EXPERIENCE

AWS Student Program Intern | SJ Innovation LLC   *October 2020 - December 2020*
- Collaborated in a team of 3 to create a serverless application for a university admission test registration system using a combination of various AWS services such as S3, AWS Lambda, and IAM with the Dynamodb database.
- Achieved the 8 tasks assigned implementing various tools offered through the AWS Management Console.
- Developed a serverless web application that enables users to request unicorn rides from the Wild Rydes fleet.

Salesforce Intern | Persistent Systems Limited   *January 2020 - February 2020*
- Successfully completed 100% of the custom selected trails in a trailmix on the Salesforce Trailhead Platform.
- Earned Badges in the trails and 2 Superbadges in App Customization & Reports and Dashboards Specialization.
- Experimented with the Salesforce Lightning Experience implementing new user interface features.

Full Stack Development Intern | Thoughtslate IT Solutions   *June 2019 - July 2019*
- Developed web applications focusing on user-oriented visuals and features, ensuring that requirements were met.
- Applied software engineering practices such as unit and integration testing to ensure optimal functionality.

Machine Learning Intern | Earnestek   *December 2018 - January 2019*
- Gained an understanding of machine learning algorithms, namely Regression, Ensemble and Classification.
- Collaborated on an image classifier project and achieved 95% accuracy for a dataset of 25,000+ animal images.

PROJECTS

Stock Portfolio Management System | University of Florida   *August 2021 – December 2021*
- Developed a web application using Angular and NodeJS with Oracle database for a dataset of 300,000+ tuples.
- Computed figures for 5 stock indicators using SQL queries and generated graphs to visualize the data of stocks.

Document Management System | Archives and Archaeology Department of Goa   *September 2020 – August 2021*
- Developed an application to resolve manual document storage issues at organizations by automating the process.
- It ensures that the documents are stored securely and improved accessibility to the authorized users by 90%.
- For the Optical Character Recognition (OCR) implementation, a neural network is used for effective data recognition and extraction. The OCR detected printed text from the documents with an accuracy of 90%.

Gelato Inc | Quark - BITS Goa   *May 2020 - June 2020*
- Created an engaging mobile application to place orders for ice cream using Android Studio and Java.
- Used the Firebase Realtime Database platform to store data in a structured manner and retrieve it coherently.
- Ranked in the top 10 among 200+ students in the App Development Workshop.

Voyaged | Goa College of Engineering   *January 2020 - March 2020*
- Devised and designed a convenient and efficacious hotel booking web application using HTML and JavaScript.
- Worked on the website backend with an open-source toolset consisting of PHP and MySQL database.

ACHIEVEMENTS | OTHER EXPERIENCES

- Financial Executive for the information technology department council   *August 2019 - August 2021*
- Second place in Code Warriors, a competitive coding competition at TechNova, Goa, India   *October 2019*
- Volunteered for International Blockchain Congress, a congregation of innovators and enthusiasts   *July 2018*

COURSES

Database Management Systems, Analysis of Algorithms, Data Structures, Object-Oriented Programming, Software Engineering, Web Technology, Operating Systems, Intelligent Agents, Computer Network Security.

SKILLS

Technical Skills: C/C++, HTML, CSS, JavaScript, Angular, Python, Java, SQL, MySQL, PHP, XML
Technologies and Tools: Visual Studio, Android Studio, Flutter, Firebase, Bootstrap, Jupyter, Git