

Reisandy Lamdjani

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EDUCATION

University of California, San Diego

BS in Computer Engineering

La Jolla, CA

Graduation Date: June 2024

Pasadena City College

AA in Computer Engineering

Pasadena, CA

Graduation Date: June 2021

- Organizations/Awards: Honors Program, Pathways Program, Dean's Honors List, AGS Honors Society

WORK EXPERIENCE

Software Engineering Intern

Dassault Systemes (BIOVIA)

San Diego, CA

June 2023 - Present

Project Manager Intern

Becton Dickinson (BD)

San Diego, CA

October 2022 - June 2023

- Coordinated with another project manager to work cross functionality with a Software team of 6 to deliver projects on timely basis
- Tracked project performance within each sprints to analyze the successful completion of short and long-term goals
- Measured performance using appropriate project management tools and techniques that improved project efficiency by 15% through the optimization of resource allocation
- Successfully maintained and ensured 100% accuracy and completeness of project documentation
- Managed projects by submitting 8 deliverables on time which enhanced the team's efficiency by 20%

Software Engineering Intern

Becton Dickinson (BD)

San Diego, CA

June 2022 - September 2022

- Collaborated with other interns to engineer a cloud-based data aggregation tool to facilitate the curation of drug concepts
- Constructed a singleton service to cache user-entered data, form state, and result sets to reduce costly queries calls
- Executed section guards between and within pages to enforce valid data entry flow that reduced errors by 20%
- Developed a total of 10+ API endpoints using .NET Core that interfaced with 10+ SQL stored procedures
- Engineered an auto-complete input field feature, which decreased data entry time by 20%

Project Manager Intern

NASA Community College Aerospace Scholars (NCAS)

Merritt Island, FL

October 2019 - October 2019

- Awarded with Most Valuable Scholar
- Supervised a group of 8 interns to propose an idea to NASA to assist with the Mars Exploration by creating a fictional rover design company
- Produced strategies which increased the company's budget by 17%

RELEVANT COURSEWORK PROJECTS

SayIt Assistant

CSE 110 - Software Engineering

April 2023 - June 2023

- Utilized a voice-activated application with 4 other students using OpenAI ChatGPT 3.5 Model API and Whisper API
- Orchestrated project planning to discuss risk analysis and scope management using GitHub Project Management tool and Figma
- Successfully implemented a log-in window to use MongoDB to store and extract user's information and conducted an account verification process using MongoDB to improve user's log-in efficiency by 50%
- Integrated an "All Clear" functionality which raised user's efficiency to remove tasks by 25%

UCSD RoboCar Jetson Nano

ECE 148 - Intro to Autonomous Vehicle

January 2023 - March 2023

- Facilitated a team of 4 students to construct an autonomous vehicle using Jetson Nano, VESC, DonkeyCar AI Framework, ROS2, and OAK-D Lite
- Delivered 3 autonomous laps using DonkeyCar AI Framework, ROS2, and OpenCV
- Improved lane detection image processing algorithm by 40% by calibrating the line detection, actuator, and colors
- Accomplished hand-gesture motions using DepthAI software within OAK-D Lite camera and Google Mediapipe Hand Tracking models

SKILLS

Programming Languages: Angular | SQL | C# | .NET Core | C++ | Java | CSS | HTML | JavaScript | SAP | OpenCV | MongoDB | GPU Cluster | ROS2