



CV RESUMO GIRLY DELANNY MENEZES DE LUCENA

NASA Jet Propulsion Laboratory (JPL) | Deep Space Network (DSN)

Girly Delanny Menezes de Lucena, known professionally as Gigi Lucena, is a Data Capture and Delivery (DCD) Manager for NASA's Deep Space Network (DSN) at the Jet Propulsion Laboratory (JPL) in California, United States.

In her current role, Gigi leads the management and coordination of systems responsible for capturing, processing, and delivering critical spacecraft data, supporting communications between Earth and missions exploring the Moon, Mars, and beyond.

Throughout her career at NASA JPL, she has worked in Project Data Systems Engineering and Telemetry, Tracking, and Command (TT&C), contributing to the development and operation of systems supporting deep space missions. Her experience includes projects such as the Robo-Scheduling Service, Spacecraft for Scientists, DSN Aperture Fee Calculator, and Working Location Tracker. She has also worked on flight software and research involving swarms of autonomous unmanned surface vehicles and autonomous underwater vehicles (AUVs).

Before joining NASA JPL, Gigi worked for eight years as a software developer at Unit Software in Brazil.

Gigi holds an Associate Degree in Computer Programming from Santa Monica College and a Bachelor of Science in Computer Science from California State University, Northridge (CSUN). She is currently pursuing a Master of Science in Computer Science at the Georgia Institute of Technology (Georgia Tech), specializing in Artificial Intelligence.

She is also a co-author of the research paper Scheduling Within a Demand Access Paradigm for NASA's Deep Space Network.

Passionate about science, technology, and education, Gigi is committed to inspiring future generations, particularly young women, to pursue careers in STEM (Science, Technology, Engineering, and Mathematics). Through her participation in Space Week Nordeste 2026, she hopes to share her experience in space exploration and demonstrate how science, education, and innovation can create opportunities for the next generation.