# Arely Gutierrez Carbajal

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## EDUCATION

**Texas State University,** San Marcos, TX                                                                May 2025
- *BS in Computer Science, Minors in Mathematics and Communication Studies*
- *Relevant Coursework:* Data Structures and Algorithms, Object Oriented Design and Programming, Human Factors, Software Engineering, Operating Systems, Internet Software Development

## TECHNICAL SKILLS

- *Languages:* JavaScript, TypeScript, SQL, HTML, CSS, C#
- *Frameworks & Technologies:* Angular, Express, Node.js, Git / GitLabs, SQL Server, .NET, React
- *Spoken Languages:* English and Spanish

## WORK EXPERIENCE

**The Walt Disney Company,** *Software Developer Intern*, Orlando, Florida                    June 2025 - Present
- Developed and maintained full-stack features for enterprise workforce management applications serving 10k–30k employees using AngularJS, TypeScript, Express.js, and SQL Server.
- Improved data integrity and business rule enforcement by implementing robust frontend and backend validation for scheduling and time-off workflows.
- Debugged and resolved production issues across frontend and backend services supporting 10k–30k users, improving reliability and stability of high-volume scheduling workflows.
- Collaborated directly with clients to translate functional requirements into scalable, production-ready features.
- Delivered UI/UX improvements with AngularJS and Bootstrap to streamline time-off planning interactions and increase usability for large internal user bases.

## PROJECTS

**AWS GameDay @ Disney,** *Team Participant*                                                              October 2025
- Competed in an Amazon GameDay hackathon, developing and troubleshooting an AWS-hosted application in a live, failure-driven simulation.
- Gained hands-on experience with AWS services such as EC2, S3, and RDS to deploy, monitor, and troubleshoot distributed applications.

**Can You Hack It? | Disney Hackathon,** *Team Participant*                                         October 2025
- Collaborated on a multi-day security challenge focused on malware analysis, open-source intelligence (OSINT), and basic cryptography.
- Investigated malware indicators using public threat intelligence tools (e.g., hash lookups and historical analysis) to extract behavioral and attribution clues

**Plan.it,** *Senior Project*, Human factors                                                     February 2025 – April 2025
- Developed a full-stack task management application for students using React, Node.js/Express, and MongoDB.
- Designed and implemented RESTful APIs and MongoDB data models to consistently persist and synchronize tasks across multiple calendar views.
- Designed and implemented a responsive landing page UI with React and Tailwind CSS.
- Coordinated with teammates via Git-based workflows and code reviews to merge features and maintain codebase.