JOSE GUILLERMO MARTINEZ

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EDUCATION

Georgia Institute of Technology

M.S. in Computer Science   *Expected Graduation 2026*
- **Concentration:** Machine Learning
- **Related Coursework:** Knowledge Based-AI, Analytics Modeling

Texas A&M University

B.S. & M.S. in Civil Engineering   *2019 & 2021*
- **Concentration:** Structural Engineering

TECHNICAL SKILLS

Programming: Python, JavaScript, SQL, HTML, CSS, R, MATLAB

Frameworks/Libraries: Node.js, Express.js, React

Developer Tools/Technologies: VS Code, MongoDB, Git, RStudio, Jupyter Notebooks

Languages: English, Spanish, Japanese (Basic)

Certifications: Google Data Analytics, Google Advanced Data Analytics, DeepLearning.AI Supervised Machine Learning

PROJECTS

Movie Rental API   *JavaScript | Node.js| Express | MongoDB*
- Developed a **RESTful** Movie **API** by designing and implementing **CRUD operations** using Node.js, Express, and MongoDB, enabling efficient management of movie data.
- Established relational data models by creating schemas for movies, genres, and customers with **Mongoose**, facilitating **structured data storage and retrieval**.
- Enhanced API security and reliability by integrating authentication and authorization mechanisms, implementing **data validation**, and conducting **unit and integration testing**.

EXPERIENCE

Parkhill   **Lubbock, Texas**

Structural Engineer   *June 2024 – Present*
- Oversee projects through from the conceptual design phase to the completion of the construction administration.
- Coordinate with multiple disciplines to consultants, contractors, owners, and team members to ensure that our projects are successful.

Hunt & Joiner, Inc.   **Dallas, Texas**

Design Engineer   *July 2021 – May 2024*
- Project planning and scheduling for projects in specific business segments the company services.
- Act as the point of technical contact between the client's technical staff and the technical staff of Hunt & Joiner on specific project assignments.