


Andres J. Melendez

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 GitHub— <https://github.com/Dre2322>

Objective

I am a motivated software development and data science student with hands-on experience in full-stack web development, database integration, and team leadership. I am passionate about building scalable, user-focused applications and seeking a collaborative, growth-oriented role where I can contribute to real-world projects while continuing to grow my technical and problem-solving skills.

Technical Skills

- Languages: Java, Python, HTML, CSS, JavaScript, SQL
 - Frameworks & Tools: JSP, Servlets, MySQL, Git, GitHub, Eclipse, Tomcat, FPDF
 - Data Science: Pandas, NumPy, Scikit-learn, Data Preprocessing, EDA, Predictive Modeling
 - Web Development: Responsive Design, Form Validation, Client/Server Integration
 - Project Management: GitHub Projects, Agile Collaboration, Technical Documentation
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Education

B.S. in Data Science and Software Development (*In Progress*)

Bellevue University — Bellevue, NE

Expected Graduation: 2026

High School Diploma

Flatonia High School — Flatonia, TX

Graduated June 2012

Projects

Moffat Bay Lodge – Full-Stack Web Reservation System

Team Lead & Backend Developer | Java, JSP, MySQL, HTML/CSS

- Led a 5-person team through the full development cycle, coordinating feature assignments and quality control
- Developed reservation handling using Java Servlets with session state, form validation, and MySQL integration
- Refactored database schema to support multiple room types per reservation (normalized structure)
- Implemented Git version control and enforced pull request workflows
- Integrated responsive design for mobile and ultra-wide devices
- Presented final product to peers and faculty with documented feedback incorporated

Predictive Modeling for Driving Behavior

Data Scientist | Python, Scikit-learn, Pandas

- Conducted exploratory data analysis and preprocessing on time series sensor data
- Compared neural networks and logistic regression models for classification (Normal, Aggressive, Slow)
- Tuned hyperparameters and evaluated model accuracy using confusion matrices and cross-validation

Work Experience

Target – General Merchandiser & Inbound Expert

San Marcos, TX | Nov 2022 – Present

- Train and onboard new team members in inbound and merchandising processes
- Ensure inventory accuracy, manage price changes, and execute seasonal product transitions
- Stock products, reset planograms, and operate warehouse equipment, including baler, compactor, wave lift, stacker, and hand trucks
- Condense seasonal merchandise to prepare for new inventory transitions and sales events

Dollar General – Store Manager

Luling, TX | Mar 2020 – Mar 2024

- Lead daily store operations, team scheduling, inventory tracking, and promotional planning
- Interview and onboard new hires while maintaining a customer-focused environment
- Grew store sales through efficient stock management and team leadership

Timewise Food Store – Sales Associate

Jun 2019 – Oct 2019

- Handled customer transactions and product inquiries
- Maintained product displays and trained new employees

Lost Pines Toyota – Service Advisor

Apr 2018 – Dec 2018

- Prepared service orders, handled warranty processing, and ensured customer satisfaction

Tiff's Treats – Delivery Driver

Aug 2017 – Nov 2017

- Delivered orders and supported in-store operations, including baking and customer interaction

GCR – Commercial Roadside Assistance

Mar 2017 – Aug 2017

- Repaired and replaced commercial tires on-site and managed scrap disposal

Firestone Complete Auto Care – Automotive Technician

- Performed vehicle maintenance, tire repairs, brake replacements, and alignments