

EDY CRISTIAN NIETO

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EDUCATION

Texas Tech University, Lubbock, TX
B.S. in Computer Science

Graduation Date: Spring 2027

RELEVANT COURSEWORK: Data Structures and Algorithms, Object-Oriented Programming (Java), Assembly Language Programming, Discrete Mathematics

SKILLS

Frameworks & Tools: Scikit-learn, Pandas, NumPy, Matplotlib, Node.js, Git/GitHub, MS Office

Programming Languages: Python, C, HTML, CSS, JavaScript

Other Skills: Problem Solving, Numerical Analysis, Technical Writing, Literature Review, Mentor, Leader, Public Speaking

ENGINEERING PROJECT EXPERIENCE

Individual Project: Exam Tracker Application (Full-Stack)

- Designed and implemented a user-friendly program to help students track and manage their exam schedules effectively.
- Implemented dynamic UI for adding, updating, and deleting exam reminders.
- Integrated a date tracker to ensure users can easily view upcoming exams.
- Engineered a responsive frontend interface with HTML, CSS, and JavaScript, using asynchronous API calls to provide real-time updates.
- Leveraged Git and GitHub for version control and project management

Individual Project: House Price Prediction Model using Linear and Ridge Regression

- Developed a machine learning model to predict housing prices based on features like area, number of bedrooms, and amenities.
- Applied data preprocessing techniques, including feature scaling, encoding, and feature engineering to prepare the dataset.
- Implemented linear regression and Ridge regression models, achieving a ****Test Set Accuracy of 95.47%**** and an ****Average Cross-Validation Accuracy of 95.06%****.
- Utilized Scikit-learn for machine learning tasks and Matplotlib for model performance visualization.
- Managed project versioning using Git and saved the trained model with Pickle for later use.

Individual Project: Resume Website (Front-End)

- Built with HTML, CSS, and custom fonts to ensure the website is responsive across all devices and screen sizes.
- Integrated smooth scrolling, subtle animations, and hover effects to create an engaging and interactive user experience, enhancing the overall website aesthetics.
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- Embedded a straightforward and easily accessible button to download the resume, allowing visitors to instantly access your professional qualifications and experience.

WORK EXPERIENCE

H&M: Sales Associate

Dec 2023–Present

- Assist customers with inquiries and provide product recommendations.
- Maintain store presentation by organizing merchandise and ensuring a clean environment.
- Collaborate with team members to achieve sales goals and provide excellent customer service.

Lowe's Home Improvement: Pro – Loader

Aug 2022–Aug 2023

- Assist customers with inquiries and provide product recommendations.
- Maintain store presentation by organizing merchandise and ensuring a clean environment.
- Collaborate with team members to achieve sales goals and provide excellent customer service.

Mighty Wash: Supervisor

Sept 2020–July 2022

- Managed a team of employees, providing guidance and training for efficient operations.
- Demonstrated teamwork by encouraging a collaborative work environment.
- Maintained attention to detail to ensure prominent levels of customer satisfaction.

PROFESSIONAL SOCIETIES & INVOLVEMENT

Volunteer, Society of Hispanic Professional Engineers – *Active Member* Lubbock, TX *Sept 2024–Present*

- Participated in workshops focused on career development and technical skill-building