

MATEO ESTRADA

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EDUCATION

University of Texas at Dallas

Bachelor of Science in Computer Science GPA: 3.3

Richardson, TX

Expected Spring 2026

Cornell University

Machine Learning Foundations Certificate, Break-Through Tech AI

Summer 2024

EXPERIENCE

Nordstrom Nspire Program

Intern

Summer 2024

Seattle, WA

- Participated in a week long program designed to introduce students to Nordstrom and their technology department, including workshops, shadowing and personal branding development.
- Learned about the company culture as well as the different aspects of technology at Nordstrom by shadowing an upper engineering team lead, learning about their day-to-day tasks and responsibilities.

Break Through Tech AI

Fellow

Summer 2024

Virtual

- Selected from 3000+ applicants for Break Through Tech AI, a year long fellowship program designed to support underrepresented minorities in AI, ML, and data science.
- Participated in a 10-week intensive course focused on machine learning, data science, and AI, with a focus on real-world applications and projects, earning a certificate from Cornell.
- Developed a final project using **Python, Numpy, and Pandas** to analyze and predict the education level of an individual utilizing a census dataset, showcasing the skills and knowledge acquired during the course.

ALRISE Externship

Intern

Summer 2023

Virtual

- Chosen from over hundreds of applicants and participated in a two-week remote internship program with a focus on the tech industry, collaborating with fellow undergraduate Latinx students.
- Led a project team in developing a cybersecurity analysis and blog project within a tight two-week timeframe using **SvelteKit**, showcasing our collective knowledge and what we learned participating in the internship.

PROJECTS

Break-Through Tech ML Final Project | *Python, Numpy, Pandas, Jupyter Notebook* | [View here](#)

Summer 2024

- Developed a machine learning model to predict individual education levels using census data as part of the Break-Through Tech ML Foundations Course final project, leveraging Python ecosystem tools including **NumPy, Pandas, Matplotlib, and Scikit-learn** for comprehensive data analysis and model development. Implemented advanced data cleaning techniques such as *one-hot encoding* and *feature binning* to enhance model performance.
- Engineered and compared multiple machine learning models including **K-Nearest Neighbors, Decision Trees, Random Forests, and Stacking** ensembles to maximize prediction accuracy.
- Demonstrated proficiency in the machine learning lifecycle, from data preprocessing and model selection to evaluation.

AIGA Design Challenge | *SvelteKit, Javascript, CSS, HTML, Figma* | [View here](#)

Fall 2023

- Revamped our University's Food Pantry website to better serve as a user-friendly information hub and guide for healthy food choices. Incorporated modern design elements and clear tone to enhance usability.
- Implemented a recipe page featuring ingredients readily available in the pantry, empowering students to make informed selections and prepare nutritious, satisfying meals. As well to promote the diversity of our campus inside of our solution.
- Presented design solution at the annual AIGA Design Exchange, winning the People's Choice Award and garnering positive feedback from judges and attendees.

SKILLS / ACHIEVEMENTS

Languages: Java, Python, C/C++, JavaScript, Typescript, Go(Golang), HTML/CSS,

Frameworks and Libraries: SvelteKit, React, React-native, SQL, Pandas, Numpy, Seaborn, Tailwind, Supabase

Soft Skills: Communication, Collaboration, Problem-Solving, Bilingual (English and Spanish)

Achievements: Aiga 2023 Design Challenge People's Choice Award