

MARTIN DIECK IZA

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EDUCATION

The University of Texas at Austin

May 2024

Master of Science, Information Technology & Management

- Overall GPA: 3.98 - Advanced Programming & Web App Development, Product Management, Project Management, Strategic Change & IT Management, Business Data Science, Digital Technology & Innovation, Design Thinking

Tecnológico de Monterrey (ITESM)

June 2023

Bachelor of Science, Industrial Engineering with Minor in Systems Engineering

- Overall GPA: 9.81/10 - Honors and Excellence Award (top 5% of class)
- Purdue University Semester Abroad: Finance, Accounting and Marketing (Fall 2022) - Dean's List & Semester Honors

EXPERIENCE

Syscap – Business Analyst; Monterrey, Mexico

May 2024 – Present

- Developed Python tools to streamline the analysis of 50+ NBFIs for structured debt opportunities, increasing potential AUM by \$7M+ USD in under a year while monitoring risk and operations of a \$15M USD existing portfolio.
- Spearheaded the definition of 3 product features for borrowers and lenders, using the Shape Up methodology to improve team agility and align with evolving customer needs.

Tecnológico de Monterrey – Part-time Professor; Monterrey, Mexico

October 2024 – Present

- Designed and taught 650+ slides on programming and digital transformation made for undergrad accounting students.
- Achieved a 9.9/10 student satisfaction rating, ranking in the top 11% of professors system-wide in the first semester.

Speedee Oil Change and Auto Service Mexico – Brand Manager Intern; Monterrey, Mexico

August 2019 – June 2023

- Led the digital transformation of Speedee Mexico, revamping the website and social media strategy to boost engagement, generate 300+ monthly appointments, and attract 300+ new franchisee leads nationwide.
- Orchestrated monthly ad campaigns on Facebook and Instagram, optimizing a yearly budget of \$15,000 USD to drive more sales and revenue for Speedee centers and reducing the cost per result (CPR) from \$4.5 to \$0.03 USD

PROJECTS

[Pokemon Autoclicker](#) – Interactive Web-Based Game

April 2025

- Built a full-stack Pokémon-themed autoclicker game using Ruby on Rails, Turbo, and Stimulus, featuring real-time updates, passive income mechanics, and a personalized Pokédex to track over 1,000 Pokémon as well as shinies.
- Implemented user authentication with Devise, styled the UI with custom HTML and CSS for a clean, game-inspired experience and deployed a live playable version to Heroku using PostgreSQL as the database.

Resource Management Software – Full-Stack Web App Development

July 2023

- Engineered a user-friendly resource management web app using React and Python Flask, enabling seamless user creation, resource tracking, and project allocation with MongoDB as the NoSQL database solution.

TECHNICAL SKILLS

- **Languages & Frameworks:** Ruby, Rails, Python, HTML, CSS, JavaScript, SQL, React, GDScript, MongoDB
- **Certifications:** AWS Solutions Architect Associate, Tableau Desktop Specialist, Data Engineer Assoc.
- **Project Skills:** Shape Up, Software Development Life Cycle, Version Control, Scrum, Agile, Kanban, Lean Six Sigma

LEADERSHIP & SOCIAL WORK

- **Leadership:** MSITM Student Ambassador (2023-2024), Harvard Prize Book (2018) – [Link](#), Debate Team Captain (winning 3rd place nationally, 2018), 5-time cast in high school play (2 as a TA), Anchor Award (Camp Foley, 2016) - [Link](#)
- **Social Work:** Leader with Humanity (Zamora Coaching, 2021), Math and Spanish Professor Aprendamos Juntos (2020), Catequesis Mano Amiga Executive Committee (2017-2019), Sillatón Executive Committee (2018)
- **Languages:** Fluent in English and Spanish. Limited working proficiency in French.
- **Interests:** Piano, reading, American football, Broadway musicals, game development, weightlifting