MISHELL CARDENAS ESPINOSA

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EDUCATION

Northeastern University   *Boston, MA*
Master of Science in Computer Science – **GPA: 3.80/4.00**   *Sep 2024 - May 2027*

Relevant Coursework: Data Structures and Algorithms, Object-Oriented Design, Discrete Structures, Database Management Systems, Foundations of Artificial Intelligence

New York University   *New York City, NY*
NYU Tandon Computer Science Bridge Program   *Jun 2023 – Dec 2023*

Northeastern University   *Boston, MA*
B.S in Business Administration – **GPA: 3.69/4.00**   *Sept 2018 – May 2022*

TECHNICAL SKILLS

Programming Languages:	Python, Java, JavaScript, TypeScript, C/C++, HTML, CSS
Frameworks and Libraries:	React.js, Node.js, Express.js, Next.js, PrimeReact, Axios, Tailwind CSS
Databases and Tools:	MySQL, MongoDB, PostgreSQL, SAP HANA, Git, GitHub, Prisma ORM, Docker, Postman

PROJECTS

SAP HANA Importation Management System | *React.js, Node.js, HTML, CSS, SAP HANA, SAP Business One*
- Built a **React frontend with PrimeReact components** (DataTable, Calendar, Modal, FileUpload) to manage and render **1000+ importation records**, optimizing rendering performance and ensuring smooth handling of large datasets for the supply chain department.
- Implemented **robust state management and dynamic form validation in React** to capture and track **100+ attributes** (contracts, invoices, shipments, payments), solving consistency issues by syncing inputs directly with **backend APIs**.
- Integrated a **Node.js and Express.js backend with SAP HANA APIs**, designing **RESTful endpoints** for secure retrieval of enterprise data, using **Postman** to debug payload mismatches and validate end-to-end data flow.
- Configured **inline editing with input validation, calendar pickers, and file upload support** in editable tables, reducing error-prone manual data entry and streamlining the modifications of customs documents in the frontend.

Eclat Élan: *Personal Fashion Assistant | React.js, MySQL, HTML, CSS, JavaScript, Express.js*
- Developed an **Express.js backend** with **RESTful API** to process user-selected outfits and preferences, generating personalized style recommendations in real time.
- Built a **React frontend styled with CSS**, enabling users to browse a curated catalog of outfit images, select favorites, and receive interactive recommendations.
- Designed and optimized a **MySQL database schema** to store outfit metadata, clothing attributes, and brand information, using relational joins and indexes to reduce recommendation query times.
- Implemented **recommendation logic** that matches user-selected outfits against stored clothing attributes, returning fashion suggestions aligned with individual style preferences.

WORK EXPERIENCE

Management Assistant   *Sep 2022 – August 2024*
Import Aceros   *Quito, Ecuador*
- Streamlined importation logistics for 100+ product SKUs by tracking shipments and vendor performance in structured datasets, **cutting delivery delays by 15%** and improving supply chain visibility.
- Partnered with the marketing team to analyze engagement metrics and optimize exposure strategies, driving **20% lift in campaign performance** and demonstrating cross functional data collaboration.
- Developed sourcing and pricing strategies by modeling cost, demand, and competitor data, **reducing procurement costs by 10%** while maintaining availability in volatile markets.
- Pioneered the adoption of a SAP demand forecasting tool, improving demand planning accuracy by 25% and providing leadership with valuable, data-backed insights for inventory sourcing decisions.

ACTIVITIES

- SHEROs, Society of Women Engineers, Northeastern Electric Racing, Latinas in Tech, Rewriting the Code