

EDUCATION:

University of Colorado, Denver

May 2020

- B.S. Computer Science
- Cumulative GPA: 3.66, Major GPA: 3.75

University of Northern Colorado

- Master's of Business Administration
- Expected graduation: May 2024

TECHNICAL SKILLS:

Languages & Software: TypeScript/JavaScript, HTML/CSS, SQL, C#

Operating Systems: Windows, macOS, UNIX

Frameworks & Libraries: Angular, React, Tailwind, Node.js, ASP.NET Core

Cloud: Google Cloud Platform (Compute Engine, Cloud Storage, Cloud SQL, BigQuery), AWS (DynamoDB, S3, Lambda), Terraform

WORK EXPERIENCE:

Owner | Cutique, SP

January 2023 – Present

- Led the establishment of Cutique, a seasonal boutique specializing in selling trendy and high-quality fashion accessories.
- Implemented data-driven inventory management by creating detailed Excel spreadsheets to track item costs, projected revenue, and inventory levels.
- Negotiated with overseas suppliers for product sourcing, reducing costs while ensuring product quality.
- Managed all financial aspects of the business, including setting pricing strategies, tracking profit margins, optimizing overhead costs, and handling logistics such as shipping costs and break-even analyses.
- Drove continuous improvement in operations by using data-driven decision making to adjust sales and inventory strategies.

Associate Software I Engineer | S&P Global (formerly IHS Markit)

March 2021 – November 2022

- Full-stack engineer on the Energy Studio project, a web application for building and storing interactive queries, allowing users to filter and drill down on energy & oil data without SQL.
- Wrote component unit and integration tests to ensure a minimum of 80% SonarQube code coverage.
- Designed and implemented an API in C# ASP.NET that saved user created queries to DynamoDB, which allows for users to open, save, and edit later.
- Pioneer in the Bricks Design System, a library of reusable front-end Angular components to be shared by applications across the entire Energy division.
- Translated UI/UX team's Figma designs, wireframes, and mockups into reactive UX components using Angular, Typescript, and HTML/SCSS/CSS.

Associate Software Engineer | IHS Markit

October 2020 – March 2021

- Full-stack engineer with a focus on front-end workflows: creating Angular services to component communication, fixing bugs, and ensuring accurate end-to-end UI functionality.
- Created a RESTful API endpoint for Map Services using the ASP.NET MVC pattern to return user requested map information (images, labels, routes) to be displayed and exported on the front-end.
- Debugged and fixed bugs on the UI when data being returned was not accurate.

Data Engineering Intern | Health Data Compass (Colorado Center for Personalized Medicine)

May 2019 – July 2020

- Tested, documented, and presented enterprise web APIs for future company use.
- Explored and implemented applications on Google Cloud Platform for use in production.
- Developed Python scripts to assist and automate current manual processes.
- Followed HIPAA security constraints and conduct in all work completed.