

## 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, TailwindCSS, ASP.NET Core, Node.js

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

## WORK EXPERIENCE:

### Associate Software I Engineer | S&P Global (merged with IHS Markit)

March 2021 – Present

- 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.

## PROJECTS:

### Cutique (React, Tailwind, Javascript)

<http://cutique.co>

- Designed and created a visually appealing single page application for a local pop-up boutique in Colorado.
- Linked a third-party email service to the contact form, allowing communication between user and the Cutique team
- Implemented key interaction features such as a real time date display to the user, toggling dark/light theme, animated buttons, click-to-expand photos, and smooth-scrolling for a seamless user experience.

### SearchalMedia (Node.js, JavaScript, React, MongoDB)

- Leveraged Node.js to make calls to Twitter's APIs, implemented validation and models with JavaScript
- Designed a visually appealing front end with React and React JS
- Rerouted all relevant information to store in our MongoDB database, hosted on Amazon Web Services
- Sent information from client to server side in order to retrieve information from API calls