

Arthur D'Amato

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Software Engineer

An experienced educator and coach turned software engineer, I bring collaborative leadership to my teams by facilitating direct communication, managing goals/expectations, and being process oriented. With my background in kinesiology and philosophy, I am equipped with critical thinking and problem solving skills, which deliver excellent outcomes for clients and teammates, and clean code. Dedicated, resilient, creative; I am a valuable addition to any team environment.

Skills

Technical: HTML • CSS • JavaScript • Express.js • React • SQL • noSQL • Node.js • Python • Next.js • Google Firebase
Interpersonal: Leadership and Management • Education and Staff Training • Customer Service, Sales and Marketing

Software Engineering Projects

Hnefetafl ----HTML, JavaScript, CSS

- An individual project wherein I made a two player board game based on a chess precursor.
- Added personal flair by incorporating my own music and sound effects made in Garageband.

What'cha Making? ---- SQL, Express.js, Node.js, HTML, JavaScript, CSS

- This full-stack app utilized a SQL database and queried data from the FDA's nutrition databases to create recipes.
- Individuals created profiles to craft recipes and save them to a profile using CRUD routes and axios calls.

Spotify-why? ---- React.js, MongoDB, HTML, CSS

- This full-stack app was a group project that made playlists by querying the Spotify API using a Client Credentials Flow.
- Using CRUD routes, users searched for tracks to add to their playlists without having to also have a Spotify account

Volume Tracker ---- Next.js, PostGres

- A full-stack app that allows users to make a profile that tracked cardio volume (minutes multiplied by heart rate), and then store the data, and graph it with ReactCharts.
- The app was built with Next.js on the front-end and PostGres on the back-end.

Trkr --- React.js, HTML, CSS, GraphQL

- A group project made in a competitive hackathon, front-end team lead working alongside data scientists, backend engineers, and UI designers
- Trkr scrapes API data related to job searching and stores those jobs for users in one place. Apply for jobs with ease!

PROFESSIONAL EXPERIENCE

TOMIS Tech: Front-End Software Engineer

Missoula, MT

- Maintained existing code, and developed new features for projects such as a desktop application and chatbot.
- Updated best practices for code documentation across Jira, Postman and Confluence, implemented unit testing.
- Large projects included automating review generation for clients and creating a unified inbox.

General Assembly: Software Engineering Fellow & Instructor Associate

Seattle, WA

- Completed an entirely remote software engineering immersive course to learn new skills and transition to a new career.
- Coursework taught me how to build full-stack applications with a variety of front-end languages and back-end databases.
- Since the cohort, I have taught JavaScript, HTML, CSS, Express, Django, SQL, NoSQL, and React

Briotix Health: Industrial Sports Medicine Professional

Seattle, WA

- Provided ergonomic services both remotely and in person for metro and warehouse employees.
- Utilized digital platforms to program self-care routines for employees, that included opportunities for feedback.
- Opened a wellness center for King County Metro and took charge of outreach and marketing, including social media.

Mode of Fitness: Manager

Seattle, WA

- Earned the company's highest quarterly profits in 5 years, by increasing membership by 20% and sales by 300%.
- Increased the average Google, Facebook, and Yelp reviews from 3 stars to 4.5 stars.

EDUCATION

University of Wisconsin-Milwaukee

Milwaukee, WI

- Masters Degree in Kinesiology with an emphasis on Neuromechanics
- Conducted research using KINARM, camera, and EMG systems

University of Wisconsin-Oshkosh

Oshkosh, WI

- Bachelor of Science Degree in Kinesiology & Bachelor of Arts in Philosophy