ARTAS ALAJBEGU

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Education

Carnegie Mellon University · Pittsburgh, PA   2019 - 2023
Bachelor of Science, Mathematical Sciences · Minor in Computer Science · MCS College Honors

Experience

Business Intelligence Analyst · Acquire Beauty   Mar. – Sep. 2024
- Implement NetSuite scripts to optimize data integration, enhancing supply chain efficiency for client operations.
- Build comprehensive data-driven analyses using Excel to generate insightful reports, guiding strategic decision-making.
- Optimize key inventory tools using Power Query for speed, significantly improving client supply-planning productivity.

Rock Climbing Instructor · The Gravity Vault   2023 - 2024
- Coordinated large group events, tailoring details to diverse needs and ensuring personalized, memorable experiences for each client.
- Frequently engage with clients to gather feedback and resolve issues, enhancing customer satisfaction and service quality.

Software Engineer · Bliss Point Media   2022
- Used React to design and develop a new internal-tools page that significantly improved data-management for client contacts.
- Refactored code to enhance the usability of methods that automate high-priority Slack notifications to clients and employees.
- Collected and analyzed client data to instantiate a new PostgreSQL database table.
- Built a new UI allowing clients to more easily and efficiently configure their own ad-metric filtering preferences.
- Thoroughly tested design and code, improving service operations and quality of user experience before pushing to production.

Calculus II Teaching Assistant · Carnegie Mellon University   2021
- Led bi-weekly virtual Calculus II recitations, enhancing understanding with effective communication to facilitate student success.
- Conducted weekly office hours, providing individualized support and enhancing student understanding of course material.
- Efficiently managed grading assignments and quizzes for 200+ students, providing accurate and prompt feedback.

Projects

BoomFit · https://figma.fun/upfXT4   2022
- A Figma-based app prototype that converts lifestyle aspirations of older adults into realistic and achievable fitness goals.
- Designed and built in Figma during the 2022 CMU XHacks Hackathon.

SpLaTeX · https://devpost.com/software/splatex   2022
- A Python-based web app built with Flask, incorporating Google Cloud's APIs to convert speech into LaTeX code via NLP models.
- Earned 3rd place at Hack CMU.

Content Wrangling · https://figma.fun/o6K6Ta   2022
- A Figma prototype for forum attendees, made by transforming plaintext into a microsite using information architecture principles.
- Iteratively designed an intuitive user experience, enhancing the site's interface through strategic design elements and color schemes.

Relevant Coursework

- Artificial Intelligence: Representation and Problem Solving
- Parallel Sequences and Data Structures
- Great Ideas in Theoretical Computer Science
- Real Analysis I & II
- Linear Algebra
- Probability Theory
- Computational Perception
- Operations Research I & II
- Discrete Mathematics

Skills

Design UI/UX · Figma · Adobe Illustrator · Wireframing · Prototyping · User Research · Information Architecture

Programming Python · Java · C · C# · JavaScript · TypeScript · SQL · HTML · CSS · SML · Git · OOP · React

Language French (Intermediate) · Albanian (Intermediate)