Hello, I'm Amir

A curious learner combining engineering knowledge with coding and data skills to create smarter solutions for the energy industry.

About Amir Ehab

I am a Petroleum Engineering student passionate about bridging traditional energy with digital innovation. My curiosity extends beyond textbooks I actively learn web development and data science to broaden my technical toolkit. By combining engineering fundamentals with modern digital skills, I aspire to contribute to more efficient, sustainable, and data-driven solutions in the energy sector.

My Education

Bachelor of Petroleum Refining and petrochemical engineering
Suez University

Through my Petroleum Engineering program, I have developed a solid foundation in reservoir engineering, drilling, and refining processes. My coursework sharpened my problem-solving skills, while team projects helped me apply theory to practical challenges, such as designing refinery process flow or simulating reservoir behavior.

My Internship

Cairo Oil Refinery Company   Aug 2025

Gained hands-on exposure to refining operations including crude oil distillation, catalytic cracking, and quality control. Learned refinery HSE practices, shadowed engineers in process units, and observed how data monitoring drives efficiency. The internship strengthened my understanding of how classroom concepts apply in real industry while improving teamwork and communication skills.

Experience & Leadership

Photography   Illustration

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Website Head Committee   2023 -2025
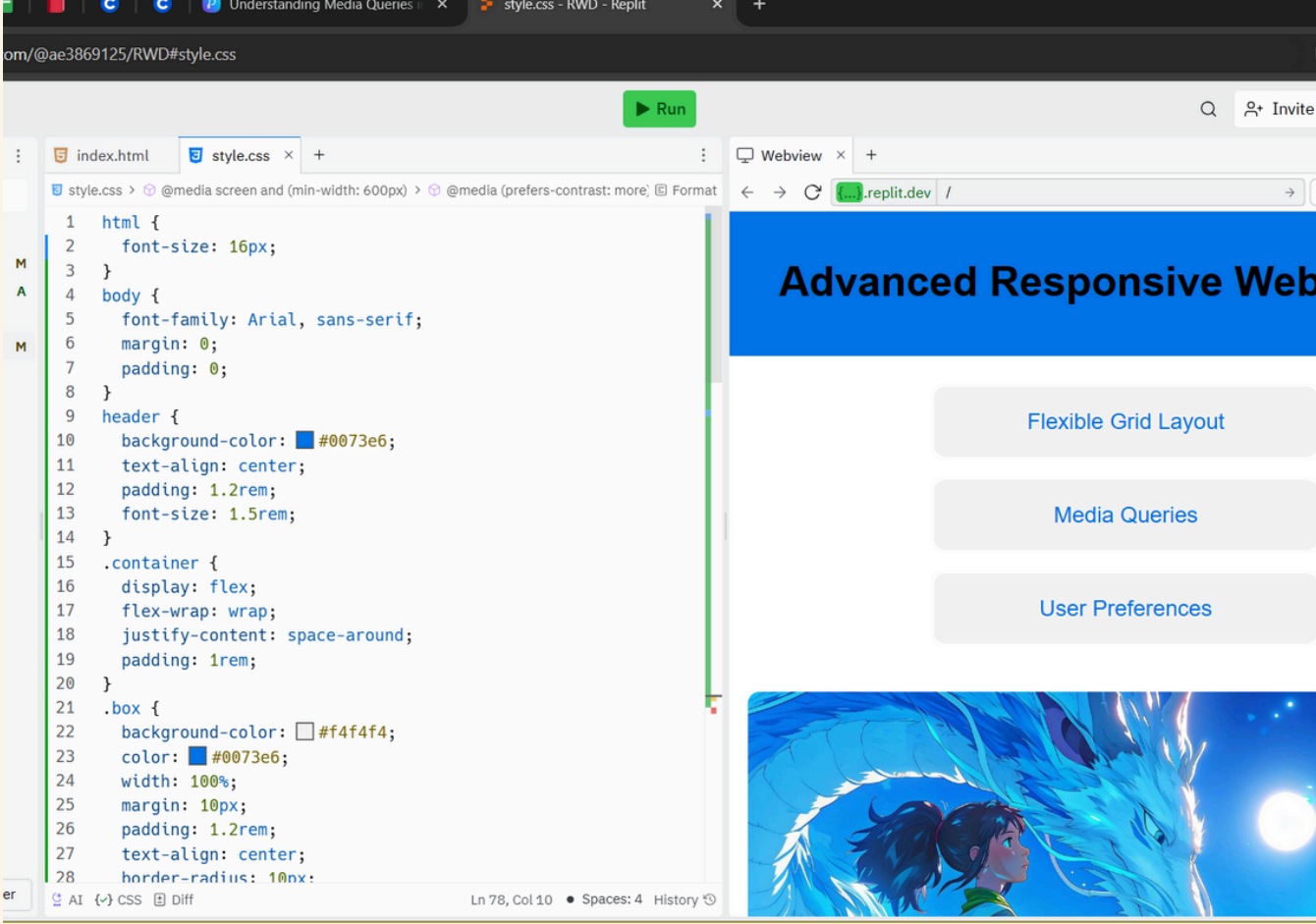AIChE Suez Student Chapter

As Website Head Committee of AIChE Suez Student Chapter, I lead the chapter's digital presence and communication strategy. I redesigned and managed the website to improve user experience, making event registration and resource sharing more accessible for over 4 members. Collaborating with multiple committees, I translate complex technical content into engaging online formats. This role strengthened my leadership, project management, and digital design skills while supporting the chapter's mission of empowering engineering students.
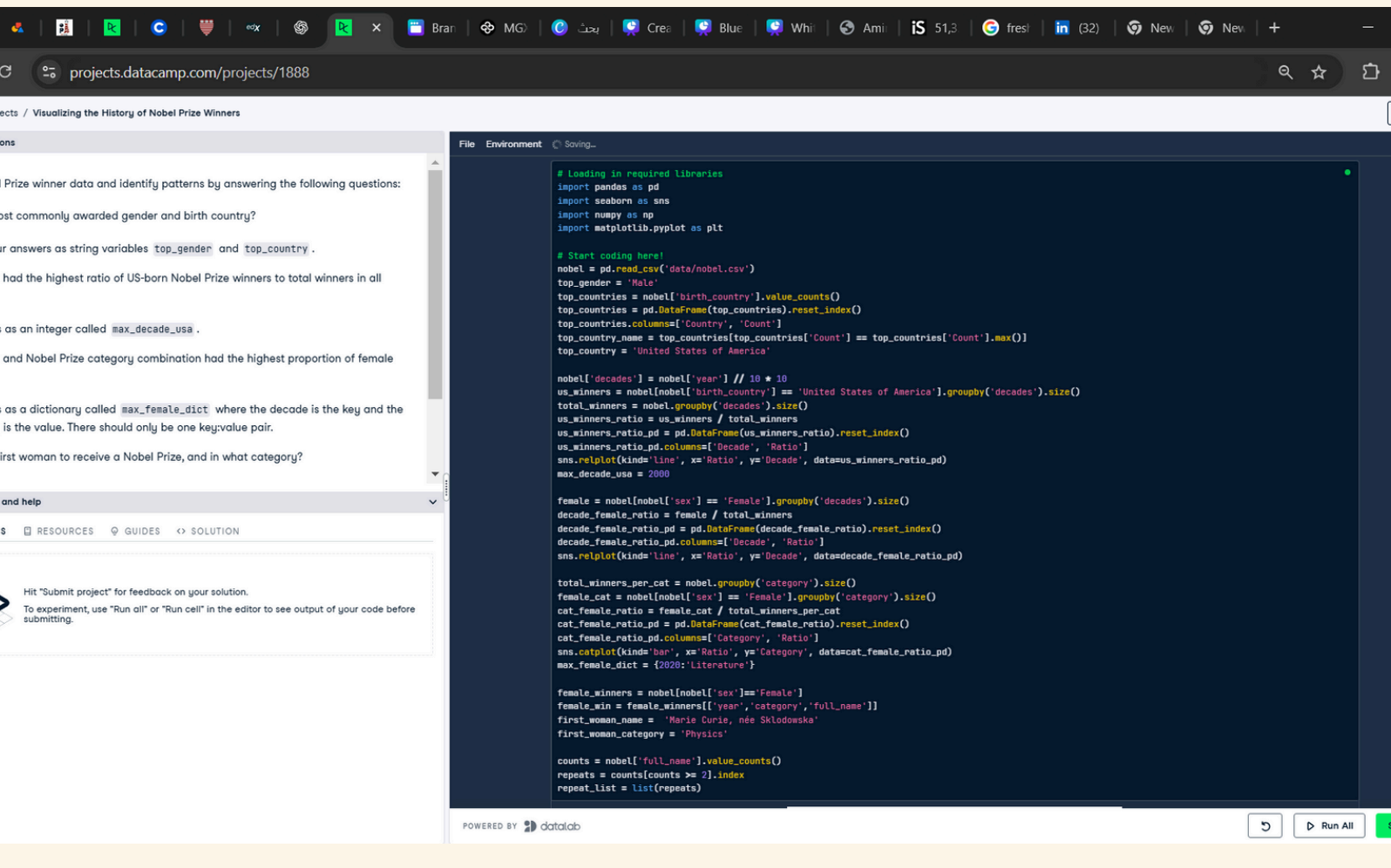
Personal Presentation   09 May, 2026

Web Design Projects

Designed responsive, user-friendly websites applying HTML, CSS, and JavaScript principles learned through CS50x and Coursera specialization.

Data Cleaning & Analysis with Python

Explored petroleum-related datasets to uncover patterns in production efficiency, applying joining techniques and exploratory analysis.

Certificates

Green Skills   *AIChE Refining Diploma*   *Aspire leaders program*

Data Analysis with Python   *Aix - Ai Starter Kit*

THANKS FOR WATCHING

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