

Nuh Al-Sharafi

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Education

Sabanci University

Oct 2022 - Present

Bachelor of Science | Computer Science & Engineering

GPA 3.94

Projects

PURE: Extracting Merger Deal initiation with LLMs

Jul 2024 - Aug 2024

As part of the Program for Undergraduate Research, we aimed to produce a database to distill private phase deal metrics using generative AI. Our tasks included web scraping SEC data, filtering, section extraction, prompt engineering, and efforts to maximize accuracy through performance assessment of various configurations.

- Scraped the SEC website
- Developed robust filtering and extraction scripts
- Used Google's Gemini API
- Validated results and measured their performance

Predicting inflation using stock market fluctuations in the U.S.

Feb 2024 - Jun 2024

Aimed to study the relation between stocks in a provided stock market database and an inflation database.

- Applied Data Science principles such as data collection, wrangling, analysis, etc..
- Conducted hypothesis testing and regressive machine learning
- Analyzed performance of different machine learning algorithms

SUDuyuru

Jan 2024 - Present

Aimed to make keeping up with general university announcements easier by sending the announcements via email which is where students get most of their communication.

- Uses Docker compose for ease of deployment
- Uses MongoDB to store the announcements

Core Skills

Python, C++, Debian Linux, Cisco IOS, Git, Docker

Work Experience

Math 102 Learning Assistant

Oct 2023 - Jan 2024

Sabanci University | Istanbul, Turkey

- Responsible for preparing and teaching recitation material that's assigned by the instructors
- Responsible for helping students solve recitation worksheets
- Taught about 50 students across my 2 classes

Math 101 Learning Assistant

Feb 2023 - May 2023

Sabanci University | Istanbul, Turkey

- Responsible for preparing and teaching recitation material that's assigned by the instructors
- Taught about 50 students across my 2 classes

Languages

Arabic (Native), English (Fluent), Turkish (Beginner)

Certificates

CCNA (Cisco Certified Network Associate)

Apr 2022

New Horizons Computer Learning Centers

Certified Ethical Hacker

Mar 2022

New Horizons Computer Learning Centers

CompTia Security+

Jan 2022

New Horizons Computer Learning Centers

CompTia Network+

Oct 2021

New Horizons Computer Learning Centers