AHMETAJ ELDION

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EDUCATION

Athens University of Economics and Business

Undergraduate in Department of Informatics   *Oct. 2021 – Present*

PROFILE

I am a Computer Science student with a strong interest in Front-end development and building clean, user-focused interfaces. I enjoy turning ideas into functional designs using modern web technologies, and I'm always looking to improve my skills by working on real projects. I value practical solutions, collaboration, and learning from the way things have been traditionally done while keeping an eye on what's next in tech.

PROJECTS

Personal Portfolio — HTML5, CSS3, JavaScript

- A simple portfolio created with HTML, CSS and JavaScript.

Web Development — HTML5, CSS3, JavaScript, Responsive Design   Oct. 2023 - Dec. 2024

- Utilized semantic HTML5 elements to structure educational content, improving accessibility and search engine optimization.
- Applied advanced CSS3 techniques, including flexbox and grid, to create a responsive and visually appealing layout.
- Implemented responsive design using media queries and flexible units to ensure the website adapts seamlessly to different screen sizes.
- Developed interactive forms with real-time validation using JavaScript, enhancing user engagement and data integrity.
- Conducted through testing and optimization to meet web performance and accessibility standards.

Artificial Intelligence — Python, VS Code   Dec. 2023 - Jan. 2024

- Implemented text classifiers with a naive Bayes classifier (multivariate Bernoulli form) and Logistic Regression with normalization, in Python.
- Applied data preprocessing and feature vector construction using the IMDB movie review dataset.
- Generated learning curves, precision/recall/F1-score, and evaluated models based on hyperparameters.
- Built and trained two RNNs with word embeddings in TensorFlow, comparing their performance with classical models.

Distributed Systems — Java, Android Studio, Intellij   Mar. 2024 - Jun. 2024

- Developed a distributed Java application using TCP sockets for network communication.
- Implemented JSON-based data exchange with multithreading and synchronization for concurrency control.
- Applied the MapReduce model for efficient parallel data processing.

Operating Systems — C, virtualbox   Apr. 2024 - May. 2024

- Simulated a full pizzeria workflow in C using concurrent programming, managing multiple threads for telephone operators, cooks, ovens and delivery staff.
- Implemented synchronization mechanisms with mutexes and condition variables to maintain correct ordering and resource control.
- Used random number generation to model real-time events and optimize overall performance and efficiency.

TECHNICAL SKILLS

Languages: Python, SQL, Java, C#, C++, JavaScript, HTML5, CSS3
Frameworks: React, Node.js, Express.js
Developer Tools: Git, Node,js, npm, Gitlab, IntelliJ, Android Studio, VS Code, Jupyter Notebook, Eclipse, JSON
Libraries: pandas, NumPy, Matplotlib, Tensorflow, Keras

INTERESTS

- Voluntary Blood Donation.

- Board Games with Friends.

- Reading Books.