NAWAF ALMATRAFI

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SUMMARY

Enthusiastic Computer Science student with strong skills in developing and managing web sites and databases. Worked in bunch of projects in java, HTML/CSS, C++. Passionate in machine learning and working with data and analyzing patterns.

EDUCATION

08/2020 - Current

Bachelor of Science: **Computer Science**
IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY - *Dammam, Eastern Province*
- A GPA of 4.17

SKILLS

- Object Oriented Programming (Java, C++)
- Data analysis
- HTML/CSS, JS
- SQL and DB management
- Parallel Computing

- Teamwork and collaboration
- Problem solving
- Time management
- Technical writing
- Critical thinking

PROJECTS

Students' performance factors
- o Conducted data mining to analyze factors influencing student performance using python. Applying K-NN, Decision Trees, and Random Forest classifiers.
- o Identified key insights, such as the limited impact of parental education on students' grades.

Online appliances store
- o Built an e-commerce website for purchasing appliances, featuring a shopping cart and payment options.
- o Utilized HTML/CSS and JavaScript for front-end, PHP and MySQL for back-end.
- o Collaborated in a team to ensure robust methodology.

Parallelization of a sequential natural language translator
- o Developed a parallelized natural language translator using Python's multiprocessing library.
- o Addressed race conditions via reduction techniques to ensure thread-safe operations.
- o Collaborated in a team of 5 to implement and optimize the translation system.

VOLUNTEERING

Organizer
Organizer at CCSIT Club, Programming Students Club. Organized and enrolled on several activities and events at IAU.

CERTIFICATIONS AND LICENSES

Saudi Council of Engineers
Membership
Excellence Certificate
By IAU, for having an overall grade of 4.7

LANGUAGES

Arabic

Native

English

Fluent