RAED MASRI

Computer and Communications Engineer

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SUMMARY

Entry-level Computer and Communications Engineer with a Master's degree and hands-on experience in software development, data analytics, machine learning, and web technologies. Experienced in building full-stack applications, developing RESTful APIs, and training machine learning models using Python. Strong problem-solving skills, fast learner, and eager to contribute to software, data, or AI-focused teams.

EXPERIENCE

Front End Web Developer Trainee - NavyBits (01/2025 - 03/2025)
- Built responsive user interfaces using HTML, CSS, JavaScript, and ReactJS.
- Developed reusable components and managed application state.
- Improved usability and performance through clean UI design.

Python Training Program - SE Factory (09/2024 - 11/2024)
- Studied computer science fundamentals using Python.
- Implemented data structures and algorithms.
- Solved algorithmic problems to strengthen logical thinking.

AI & Data Analytics Intern - Eurisko (07/2024 - 08/2024)
- Collected, cleaned, and preprocessed datasets using Python to improve data quality.
- Performed exploratory data analysis (EDA) to identify trends and patterns.
- Built and optimized machine learning models, including neural networks, for predictive tasks.
- Evaluated model performance and improved accuracy through feature selection and tuning.

Back End Web Developer Intern - Eurisko (02/2024 - 05/2024)
- Developed RESTful APIs using Node.js, Express.js, and NestJS.
- Designed and managed databases using MongoDB.
- Implemented secure authentication and authorization mechanisms.
- Collaborated with front-end developers to integrate APIs into applications.

PROJECTS

Heart Disease Detection System
- Developed a machine learning system to predict heart disease risk.
- Applied Principal Component Analysis (PCA) for dimensionality reduction.
- Implemented and compared Decision Tree (ID3), Naive Bayes, and KNN algorithms.
- Evaluated model accuracy and selected the optimal prediction approach.

Diet System Mobile Application
- Developed an Android application generating personalized daily diet plans.
- Designed logic to adapt recommendations based on user body metrics.
- Focused on usability and practical health-oriented functionality.

E-Commerce Web Application
- Built a full-stack e-commerce web application using ReactJS.
- Integrated database management for products and user data.
- Implemented core features such as product listings and user interaction.

SKILLS

Python, JavaScript, TypeScript, Java, ReactJS, HTML, CSS, Node.js, Express.js, NestJS, MongoDB, MySQL, Machine Learning, Data Analysis, Neural Networks, REST APIs, Git, Microsoft Office

EDUCATION

Master's in Computer & Communications Engineering - Lebanese International University (2020 - 2022) | GPA: 2.9 / 4.0

Bachelor's in Communications Engineering - Lebanese International University (2017 - 2020) | GPA: 3.48 / 4.0

LANGUAGES

Arabic (Native), English (Advanced), French (Advanced)