HATIM H. ALATTAS

Electrical & Computer Engineer

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📍 Jeddah, Saudi Arabia

SUMMARY

Electrical & Computer Engineer graduate. Focus on software development and building web applications. Experienced with JavaScript, Python, and Flask. Part-time job developing websites and web applications using Javascript and Python

EXPERIENCE

Software Engineer (Participant)

Misk Academy - General Assembly   11/2019 - 02/2020
Jeddah, Saudi Arabia

General Assembly's Software Engineering Immersive is a full-time career accelerator that's designed to transform students from novices to job-ready, full-stack software engineers

- Built the famous game Connect 4, a front-end web application that users can see and interact with, leveraging JavaScript, jQuery HTML, and CSS
- Built a full-stack application using Ruby on Rails framework that authenticates users and allows them to review stadiums and stores data in MySQL database system
- Developed the front-end using ReactJS for a full-stack application called Menu App, which is a platform to present restaurants menus for viewers to check the desired restaurant menu
- Developed the front-end and the back-end using React and Express to build GetFit App, which is a full-stack application to present information related to health, diets, workouts, products, where the user can set goals and calculate calories intake

Electrical Engineer (Summer Training)

Petro Rabigh   06/2019 - 08/2019   Rabigh, Saudi Arabia

Rabigh Refining & Petrochemical Company is a Saudi Arabia-based company which produces and markets refined hydrocarbon and petrochemicals.

- Learned about the Power System Configuration
- Performed preventive maintenance for motors, transformers, switchgears, uninterruptible power supply, and variable frequency drive.

Software Developer (Internship)

Ryerson University   06/2018 - 09/2018   Toronto, Canada

Mitacs Globalink Research Internship is a competitive initiative for international undergraduates from Brazil, China, India, Mexico, Saudi Arabia, Turkey, and Vietnam.

- **Project Title:** Further development of graphical structural analysis software using C++ language
- Successfully modeled axially-loaded circular columns subjected to lateral impact loads due to accidental ship collisions
- Verified the developed computer models using experimental results available in the literature

AWARDS

🎓 Excellent Grade with Second Class Honors

🏅 Dean's Honor List

⭐ Superior Certificate

🏆 4th place in the Mathematics Excellence Competition

EDUCATION

Bachelor of Science in Electrical & Computer Engineering

University of Jeddah
2014 - 2019

- **Senior Design Project:** Designed a control system that can decide the number of air conditioners that should be operating based on the number of people inside a building using Arduino, Photoresistor, and RF Transceiver
- **Elective Courses:** Computer Programming, Computer Networks, Digital Logic Design, Control Systems, Microprocessors & Microcontrollers

Software Engineering Immersive Program

Misk Academy - General Assembly
2019 - 2020

- Requirements included the attendance of 480 hours of face-to-face instruction, completion of course projects, as well as the successful completion of the capstone pre
- **Key Course Topics:** Application Programming, Problem Solving Strategies, Git, Github, HTML/CSS, JavaScript, jQuery, Ruby, Ruby on Rails, SQL, MongoDB, Node.js, Express, React, RESTful API, Full Stack Development and Deployment, Authentication and Authorization, Algorithms, Data structure, Design Patterns and Presentation Skills

SKILLS

Software

Python   **JavaScript**   **Ruby**   **C++**

Visual Studio   **Matlab**   **MultiSim**

Simulink

Hardware

Electrical Circuits   **Oscilloscope**

Schematic Entry   **Digital Multimeter**

Microcontrollers   **Arduino**