



GHALEB HADDAD

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About

Mechanical engineering graduate with experience in Mechanical Electrical and Plumbing engineering design in the GCC, project management, product design, and cryptocurrency activities such as mining and trading. Seeking to leverage and craft my knowledge in the position of an entry level role.

Education

American University of Beirut

Jan 2022 – Aug 2024 (expected)

Master of Science in Energy studies

- **Accomplishments:** Applying methods of economic analysis, risk and decision analysis, environmental impact assessment, and policy techniques for performing energy planning and reaching and decision making while addressing sustainability in supply and demand.

University of Bahrain

Sept 2016 – Sept 2021

Bachelor of Science in Mechanical Engineering

- **Accomplishments:** Member of the Student Advisory Committee, Senior Project: Low Energy Water Desalination Using a Piston Cylinder Device.

Naseem International School

Sept 2014 – Jun 2016

International Baccalaureate

- **Accomplishments:** Member of the National Honor Society (NHS), Member of the Tradequest team, actively contributed to community service activities.

Skills

Languages: English (native), Arabic (native), Deutsch (elementary)

Technologies: Autodesk AutoCAD, Autodesk Inventor, Autodesk REVIT 3D, Engineering Equation Solver (EES), Finite Element Analysis (FEA), MATLAB, C++, Python.

Professional Experience

Laceco – Multi-disciplinary Engineering Consultancy Firm

Beirut, Lebanon

Mechanical Design Engineer Intern

Mar 2022 – April 2022

- Performed cooling load calculation, ventilation calculations and balancing.
- Executed HVAC layout design including duct and chilled water pipe sizing.
- Prepared water supply and drainage calculation.
- Sized water supply and drainage vent pipes.
- **Standards used:** ASHRAE 90.1 – 2019, IPC 2015, 2019 ASHRAE HANDBOOK—HVAC APPLICATIONS.
- **Project location:** Sharjah, United Arab Emirates.

Self Employed

Manama, Bahrain

Cryptocurrency Miner - Ethereum

Feb 2021 – Nov 2021

- Built a cryptocurrency mining rig with 200 MH/s capacity from scratch.
- Mining and trading of cryptocurrencies, mainly Ethereum, Bitcoin and Cardano ADA.
- Overall investment Annualized Return on Investment: 130%.

Pie Saudia – Consultancy Firm

Riyadh, Saudi Arabia

Project Management Intern

Jun 2021 – Aug 2021

- Used AutoCAD 2D drawings to create blueprints of a water desalination prototype.
- Liaised with customers, management, and sales team to better understand customer needs and recommend appropriate solutions.
- Tracked detailed hours and expenses for each project.

Top Trends BH

Manama, Bahrain

Local Online Business Owner

Feb 2017 – Jul 2020

- Personal owned and managed business using social media apps such as Instagram, Facebook, and WhatsApp.
- Enhanced product awareness by taking pictures of new and available product offerings and posting to company's website and social media accounts.
- Devised and deployed sales and marketing tactics to drive
- strategic growth and support achievement of revenue goals.
- Connected with international manufacturers of the product to deliver on time and have up to standard quality.

Licenses and Certifications

Responsible Conduct of Research for Engineers

May 2022

CITI Program

Solar Energy – Solar Technology and Its Use Worldwide

Jan 2022

Alison

PMP – Project Management Professional

Jun 2021

Alison