

Nizar Maarouf



052-7908901



nizar.maarouf1974.nm@gmail.com



Objective

Electrical engineering student (3 semesters left until graduation), B.Sc in Civil Engineering looking for a student position in the field at a leading hi tech company, where I can apply and expand my knowledge to support and enhance people's life.

Work Experience

- **2013 to Present:** 5 units level Mathematics and physics tutor for high school student's grades 10th to 12th in Shams Learning Center, Shfaram.
- **2018-2019:** Teaching Assistant (TA) at the Electronics Lab, Ruppim College of Engineering.
- **2017-2018:** TA in mathematics and physics at the Ruppim College of Engineering.
- **2017-2018:** Instructor, Department of Physics, Ruppim Academic Center for Equal Opportunities for Arab Students.
- **2005-2015:** Project Manager and Supervising Engineer (specialized in public establishments: schools, day care centers, kindergartens, nursing homes) Sultan Construction Company - in Kfar Yona, Yavne Group, Rishon LeZion, Reina, Nazareth, Shfaram.
- **2001-2004:** Engineer in Uri Fischer's engineering office, planning of private and public buildings including issuance of building permits.

Education

- **2022-Present:** Electrical engineering student completing strong current specialization, Kinneret Academic College.
- **2017-2022:** B.Sc. in Electrical and Electronics Engineering, Ruppim Academic Center.
 - **Projects**
 - Graduation project: Comparison and analysis of machine learning algorithms to classify words that begin with the letter "A" ("א") in precise Arabic writing using a Python design language, including machine learning and building a database with the suited coding.
 - Programming and implementation of a CLASS D amplifier model - Ruppim Academic Center .
 - VHDL project, programmed the UART communication between a board (Altera DE1 FPGA) and a computer .
- **2006-2007:** Diploma in Construction Project Management, Technion- Haifa.
- **2001-2003:** Diploma, professional consultations (expertise) and arbitration, Association of Engineers - Haifa.
- **1995-1999:** B.Sc. in Civil Engineering Technion, Haifa.

Certificate

- **1/2021-7/2021:** Full Stack Developer Bootcamp, Appleseeds Academy, Holon.
 - Learning and applying front end skills such as HTML, CSS, JavaScript, and back-end skills such as NodeJS and a database like MongoDB.

Skills/ Computer Applications

- Experienced Python developer in the Windows environment, C, and machine learning algorithms for database analysis.
- Internet programming and development: CSS, HTML5, JavaScript
- Mathematical tools: MATLAB and GUIDE in MATLAB, Wolfram-Mathematica.
- Hardware description language: VHDL.
- Ten years' experience in AutoCAD drawing and construction planning in Atir software.

Languages

- Arabic – mother tongue | Hebrew – fluent | English – advanced