

Ufuk Karaca

Engineering Student

Contact

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Educational Background

- **B.Sc., Electrical and Electronics Engineering**
TOBB University of Economics and Technology - %75 Funded
09/2019-05/2023 Ankara, Turkey; 3.33 GPA
Courses Taken: Logical Circuit Design with Verilog, Communications Probability Theory, C/C++ Programming, Circuit Analysis
Important Note: Institution uses a three-term system with two-term class structures. Hence, 1st semester of 3rd grade will be completed within less than 2 years from enrollment, in May 2021.
- **Minor, Political Science and International Relations**
TOBB University of Economics and Technology
05/2020-05/2023 Ankara, Turkey; 4.00 GPA
- **B.Sc., Management Information Systems**
Anadolu University
09/2019-05/2023 Eskişehir, Turkey; 3.56 GPA
Courses Taken: Project Management, Operational Research, Economic Analysis
- **High School Diploma, Mathematics and Sciences**
Private Zafer High School of Science - %100 Funded, High Honours
09/2015-05/2019 Ankara, Turkey

Skills

- **Verilog**
- **C/C++**
- **Circuit Analysis**
- **Java**
- **Python**
- **IT Law**
- **Cultural Adaptation**
- **Financial Tables**
- **Leadership**
- **Teamwork**
- **Project Management**
- **Digital Marketing**

Projects

- **Verilog Implementation of the Advanced Encryption System (AES)**
06/2020-08/2020 Ankara, Turkey
 - Worked on implementing the AES algorithm to a logical circuitry module using Verilog with Xilinx Vivado as the development medium.
- **EverythingRoe**
07/2019-Present Ankara, Turkey
 - A digitalization services provider start-up for helping local businesses in Ankara adapt to the requirements of the 21st century.
- **Emergency Locator for Hydro-Morphological Natural Events**
01/2018-07/2018 Bursa, Turkey
 - Automated missing person locator for natural disasters. %420 faster locating and %130 lower operational cost compared to common alternatives using RF waves. Awarded 1st place and ₺10000 in Science Expo 2018; funded by \$THYAO.

Organizations

- **UN Sustainable Development Solutions Network – TOBB ETU Hub**
Executive Board Member
04/2020-Present
- **Institute of Electrical and Electronics Engineers – TOBB ETU Branch**
Member
09/2019-Present
- **International Entrepreneurship Society of TOBB ETU**
Member
09/2019-Present

Certificates

- **Google – Crash Course on Python**
09/2020 (Credential ID: MUYTN22KNFCX)
- **LearnQuest – Swift Programming**
08/2020 (Credential ID: 3JNK55X9BBR5)
- **University of Illinois at Urbana-Champaign – Marketing in a Digital World**
08/2020 (Credential ID: HRBN9PYNF9M4)
- **Google Digital Academy – The Fundamentals of Digital Marketing**
08/2020 (Credential ID: 4T2 PUL ZCG)
- **University of California, Davis – Feminism and Social Justice**
07/2020 (Credential ID: KRVWUUTDTKW9)
- **FIGES A.Ş. - MATLAB**
11/2019
- **BEDAF - Certificate of Proficiency in German**
06/2019 – 06/2023 (Credential ID: 0113222-0619-GER)

Languages

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|--|------------------------------------|
| ○ Turkish
<i>Native Proficiency</i> | ○ German
<i>CEFR B2</i> |
| ○ English
<i>Bilingual Proficiency</i> | ○ Spanish
<i>CEFR B1</i> |
| | ○ French
<i>CEFR A2</i> |