

ULUC ALI TAPAN

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EDUCATION

McGill University

Current

B. Eng. Electrical Engineering with a Minor in Software Engineering

Coursework: Electromechanics, Control Systems, Digital Logic, Signals and Systems, Microelectronics, Data Structures and Algorithms, Operating Systems, Computer Architecture, Applied Machine Learning

Enka Highschool Istanbul

Diploma Score: 84.02

EMPLOYMENT

BOMBARDIER Aerospace, Avionics and Electrical Systems Engineer (Co-Op), 13100 Boulevard Henri Fabre, Mirabel, QC J7N 3C6

May 2018 - Aug. 2019

- Developed products for CRJ type aircraft while ensuring compliance with FAA/EASA/TC regulations
- Contributed to the development of multiple avionic and electrical systems projects
- Designed test tools and harnesses to increase productivity of aircraft technicians
- Created C# and Python scripts to ease access to databases
- Assisted in multiple aircraft tests

OTOKAR Automotive and Defense Industry, Electrical Engineering Intern, Arifbey Mahallesi, 54580 Arifiye/Sakarya, Turkey

May 2017 - Aug. 2017

- Serviced/repaired ARMA 8x8,6x6 and KAYA military vehicles
- Created a new symbol library in AutoCAD
- Analyzed data frames of SAE J1939 for troubleshooting
- Assisted in multiple vehicle tests such as corrosion and EMI

Makel Teknoloji, Electrical/R&D Engineering Intern, Y.Dudullu Mh. Adil Sk. No:43 Ümraniye 34775 Istanbul Turkey

May 2016 - Aug. 2016

- Performed military standard documentation and cabling
- Participated in multiple QA/inspection meetings and took minutes
- Conducted sourcing for required electronic parts within Turkey and Europe for multiple projects
- Assisted the software development of CBRN systems used in the MILGEM project

Anel Elektrik Proje Taahhüt ve Tic. A.Ş., Electrical/Design Engineering Intern, Saray Mah. Siteyolu Sokak No:5/4 Ümraniye Istanbul Turkey

May 2015 - Aug. 2015

- Created assembly and layout drawings using AutoCAD
- Installed multiple cable trays, luminaries and CCTV electronics
- Interpreted drawing markups and implemented drawing revisions provided by engineers
- Assisted in engineering projects for application and distribution of luminaries and power systems
- Participated in SAP Software training

Aktürk Construction Inc, Construction Worker/Intern, Akdeniz Cad. N:19 Anıttepe Ankara Turkey – Field: Zorlu Center, Istanbul

May 2014 - Aug. 2014

- Assembled cables and luminaries
- Created assembly and layout drawings using AutoCAD
- Assisted with generator quality assessments
- Implemented 220V bus bars

ACTIVITIES

Alpha Sigma Phi, New Member Education Director

Sept. 2016 - Dec. 2017

- Coordinated with the founding class to set up the professional, brotherhood and philanthropy pillars of the fraternity
- Ensured the education of new members by teaching them the history and values of the organization in weekly meetings
- Organized philanthropic events

Sports

- Member of Enka SK water polo team (Istanbul) and McGill water polo team
- Selected for U15 and U17 Turkish national water polo team for European competitions between 2011-2013 among 200+ players

SKILLS

TECHNICAL SKILLS: C/C++, AutoCAD, Java, VHDL, CATIA, Python, HTML, MATLAB, Unity

LANGUAGES: Turkish (Native), English (Fluent), German (Conversational)

INTERESTS: Automotive, Cryptocurrency, Fitness, Music