

Fatih Akyar

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Lisbon/Portugal

EDUCATION

02.2020 – 02.2023(frozen)

Master of Science:

Ankara University / Ankara – TURKEY

Electrical and Electronics Engineering

CGPA: 3.25/4.00

10.2018 – 02.2021

Master of Science:

Middle East Technical University / Ankara – TURKEY

Engineering Management

CGPA: 3.35/4.00

11.2014 – 06.2018

Bs-Major:

Middle East Technical University / Ankara – TURKEY

Electrical and Electronics Engineering

CGPA: 2.80 / 4.00

10.2012 – 07.2014

Bs-Major:

İzmir Institute of Technology / İzmir – TURKEY

Electronics and Communication Engineering

CGPA: 3.34 / 4.00

2008 - 2012

High School:

İzmir Science High School / İzmir – TURKEY

Science Branch

WORK EXPERIENCE

- 02.2022 – 02.2023* **Researcher – Data Analysis**
Universidade Católica Portuguesa,
Regional Center of Porto
- Scholarship holder at HAC4CG Project (H2020 project)
 - Quantitative benchmark analysis (Country comparison)
 - Data Analysis (GAMS, Gretl, Excel, Tableau)
- 08.2020 – 02.2022* **Research Assistant (Python developer)**
Tarsus University
- Worked on Ms level courses listed in the courses section
- 02.2020 – 08.2020* **Project Engineer**
ASELSAN A.Ş.
- Directly assisted program manager for reporting and documentation
 - Responsible for product shipment
- 06.2018 – 02.2020* **Research and Development Electronics Engineer**
GCLAB Engineering - Worked for Tübitak UZAY
- Schematic validation and design improvement for 2 Interface cards for a satellite (Estimated worth of 400k\$)
 - *Analog circuit design for safety, signal matching and peripheral driving circuits (LTSpice)
 - *PCB design rules (PCB stack up, ground plane separation, design rule implementation)
 - Schematic design of 2 test cards
 - *Test scenario design
 - *Writing test procedure
 - *Designing electronical twins for the peripherals
 - Cabling design
 - *Designing test cables for EMI/EMC and Environmental tests
 - Equipment acceptance (requirement validation, tests)
 - Functional test design
 - Monitoring production and purchasing
 - Component selection (Design for production)
 - Documentation (ICD, DID, TID, Cabling)

LANGUAGES

- English (Advanced)
- Turkish (Native)
- German (Beginner) (A2.2- GERM204 - METU MLD)
- Português (A2 – PLA Course)

COMPUTER LITERACY

- C Programming Language
- C#
- C++ (<https://github.com/akyarf/FatihAkyarCodilityCpp>)
- Assembly
- Verilog
- SAP
- ArasPLM
- RQM
- GAMS
- Excel (XLMiner, Yasai Add-Ins)
- Key Creator
- Matlab
- Python (Certificated)
- MS Office applications (Word, PowerPoint, Visio)
- Robotic Process Automation (RPA certifications)
- Tableau

PROJECTS

09.2017-06.2018

Basketball Playing Robot

- A mobile robot, catching ball and dropping to basket
- Two-semester capstone project
- Became fair winner

06.2017-09.2017

THE Station

- T-Bigg 1512 project
- Project passed METU Jury
- Cancelled due to lack of experience

10.2010 – 06.2011

Suppression of thermal lens effect by the magnetic field

- Exhibited in TÜBİTAK Project Competition - Aegean Regional Exhibition

11.2009 – 07.2011

Equal by law but not in reality - Comenius Project

- Organized two workshops in Łódź and İzmir
- Worked in an international group, hosted events in Turkey for the foreign visitors
- Attended several project related activities in Poland with participant from 7 different countries
- Recorded a video to present Turkey

COURSES

- Computer Architecture (Verilog)
- Embedded Systems (Assembly)
- Computer Networks
- Data Structures (C++)
- Machine Learning (Python)
- Wireless Communication (Matlab)
- Estimation and tracking (Python)
- Evolutionary robotics (Python)
- Optimization (Python)

SCHOLARSHIPS & AWARDS

- HAC4CG – Heritage, Art, Creation for Climate Change. Living the city: catalysing spaces for learning, creation and action towards climate change
(1 year - Universidade Católica Portuguesa)
(NORTE-01-0145-FEDER-000067) co-financed by the European Regional Development Fund (FEDER) through the Northern Regional Operational Program, under the terms of the Notice of Opening of Application No. NORTE-45-2020-75 Support System for Scientific and Technological Research - "Structured R&D&I Projects" - Horizon Europe
- Capstone Project Competition (METU EE):
2018 Winner
- University4society entrepreneurship competition:
2017 Winner
- Honor List:
2013 – 2014 (Fall), 2013 – 2014 (Spring) 2015 – 2016 (Spring)
- Honor List:
2013 – 2014 (Fall), 2013 – 2014 (Spring) 2015 – 2016 (Spring)

MEMBERSHIPS

- METU Köprü Student Branch
- THBT METU
- LODOS METU

INTERESTS

- Travelling

EXAM SCORES

- YDS – 87.5 (2019)
- ALES – 87.66 SAY – 86.82 EA (2018)
- IELTS Academic – 4 Sept 2021
– Listening 7, Reading 8, Writing 5.5, Speaking 6.5, Overall 7.0

PERSONALITY TRAITS

- Team Player
- Solution oriented
- Technologically competent
- Positive

REFERENCES

Available upon request