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Cagin Agirdemir

Portfolio: caginagirdemir.github.io
github.com/caginagirdemir

SKILLS

Tools and Languages	Python, Git, C, C++, OpenGL, \LaTeX ,
Quantitative Research	Performance Optimization, Dynamic Programming
Communication	English (reading and writing)

TECHNICAL EXPERIENCE

System Designer / STEM Instructive Kits and Circuits <i>Scientific Eng. LTD</i>	05 2018 — 05 2019 <i>Ankara, Turkey</i>
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- Resistors and Capacitors Physics Experiment Board Kit
- Code Instructive Bot supported ESP8266 WiFi Chip.
- A total of 450 students from 5 different countries benefited from these equipment.
- Designs of new modules used in the courses

Intern System Developer / Applied Eng. Department in TV Factory <i>VESTEL CITY AS</i>	06 2016 — 08 2016 <i>Manisa, Turkey</i>
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- I worked in TV manufacturing facility
- I took part in the production and improvement processes of television electronic cards.

Part-Time Student Developer <i>Suleyman Demirel Uni. IT Center</i>	2015 - 2016 <i>Isparta, Turkey</i>
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- I developed layout and interface tests in C++

Embedded Developer / Weight Sensor Control <i>Oemia Electronic Defence</i>	2015 <i>Ankara, Turkey</i>
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- Communication with weight sensors via RS485 communication line with STM32 in C.
- Handles the analysis, design, development, unit testing, review and documentation of project

EDUCATION

Master of Arts in Computer Science, Hacettepe University	2019 - 2022
Bachelor of Electrical & Electronic Engineering, Suleyman Demirel University <i>with TUBITAK Fellowship</i>	2012 - 2017
Assoc. of Computer Programming, Uludag University	2009 - 2012
Computer Software, Turk Telekom Technical Highschool	2004 - 2009
Unclassified Education, 42 Istanbul Common Core	2022

CONTESTS

TUBITAK 2209-B Industry Oriented Research Projects Grant Prize	2017
METU 25th National Programming Contest Finalist and 6th Qualification Round	2022

TEACHING ACTIVITIES

Robotic and Coding Training (in C) for National Education Ministry Teachers	2017
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CERTIFICATES

Cisco IT Essential Certification	2009
Using Email for Networking in English (from Washington U via EdX)	2019
Controller Input/Output (from Texas U. at Austin via EdX)	2019

ACTIVITIES

Wisdom of the Earth EU project in Villa Elba Youth Center Kokkola, FINLAND	Summer 2012
Community Volunteers Foundation Manager of University Branch ISPARTA	2013
TUBITAK Public Open Source Conference ANKARA	Fall 2017
Kiev Polytechnic Institute Kiev, UKRAINE (Ukrainian Lang. Prop Course with Scholarship)	Fall 2019
Hostel Staff Tallinn, ESTONIA	Fall 2021

LICENCES

Turkey Football Federation Soccer Referee (Licence Number 27226)	since 2009
Driver (Class B)	since 2009