

Cagin Agirdemir

Contact Details

Email : caginagirdemir@gmail.com
Email : caginagirdemir@hacettepe.edu.tr
Github : github/caginagirdemir
Website : caginagirdemir.github.io
Mobile : +905534808898
Location : Turkey



Education

Master of Computer Science

Hacettepe University

2019-2021

- 2 year computer graphics and image processing studies with Technical Specialization
- Key studies area:
 - OpenGL/C++ and WebGL/Java
 - Movie Capture, Image Processing and IMU sensors

Bachelor of Electrical-Electronic Engineering

Suleyman Demirel University

2012-2017

- 4 year software development and electrical engineering Fundamentals
- Key studies area:
 - Circuits Fundamentals
 - Electric distribution, appliances and control systems
 - Digital Electronic and Power Electronics
 - Embedded Systems
- Achievements:
 - 1 research awards with grant from TUBITAK (800\$)

Associate of Computer Programming

Uludag University

2009-2012

- 2 year software development fundamentals
- Key studies area:
 - Basic programming
 - Software patterns
 - C# language (Desktop-side)
 - Php language (Web-side)

Ankara Turk Telekom Technical Highschool

- 1 year Preparation year for English
- 4 year Software basics, consist of Visual Basic, Pascal and Electronic Essentials.

Employment History

Instructor

2020

Technical Education Center (Ankara, Turkey)

- Key Responsibilities
 - Digital Electronic
 - Microcontrollers and Programming

Kit Developer, R&D Engineer

2017-2019

Science Center (Ankara, Turkey) – science and education center operating in Ankara

- Key Responsibilities
 - Teaching STEM lessons to foreign students
 - Creation of circuit design for new scientific toys Project

Engineer Trainee

06.2016-08.2016

Vestel (Vestel City, Manisa, Turkey) – TV and White goods manufacturer

- Key Responsibilities
 - Observing process management at TV factory electronic department

Engineer Trainee

06.2017-07.2017

Oemia Electronic Manufacturing (Ankara, Turkey) – Defence product manufacturer

- Key Responsibilities
 - I completed the embedded software project with weight sensor used in electric public bus for driver overweight warning system.

Undergrad. Student Researcher

08.2014-07.2015

Suleyman Demirel Uni. Information Center (Isparta, Turkey) – carries out the university course and grade system on the web.

- Key Responsibilities
 - Implement PHP optimization tasks.

Skills

- Electronic Technical Skills: EagleCAD, NI Multisim, Matlab Simulink related to power electronics
- Software Skills: C#, C++/OpenGL, Embedded C, Python, WebGL/Java
- Processing Tools: Matlab

Language : English(Nationalwide Exam Score:61,25/100; LanguageCert B2 Communicator), Russian(Beginner), Turkish(Native)

Certificate

- IBMx | Python 101
- Cisco | IT Essentials
- UWashingtongX | Using Email for Networking in English
- UTexasAustin | Embedded Systems Shape The World
- FPGA Basics | Ankara Electrical Engineering Chamber
- TESOL from Arizona State University

Organizations and Conference

- 2012 Wisdom of the Earth EU project in Villa Elba Youth Center Kokkola, FINLAND
- 2017 TÜBİTAK Public Open Source Conference ANKARA
- 2016 Middle East Technical Uni. Programming Contest
- 2018 Kiev Polytechnic Institute Kiev, UKRAINE(Language Course with Ukrainian Fellowship)

Interests

- Playing Drum
- Referee of Soccer - member of Turkish Football Association

Poster Presentation

Agirdemir C.,and Cakir A., Graduation projects exhibition. Poster presented at: Internet of Things, Make Smart Own Object; 2017 June 10-11; Isparta,Turkey.

Teaching

Spring 2018 - National Education Minister, Teacher STEM Training lectured on STEM training and Arduino programming.

Referees

Associate Professor Serdar ARITAN, Hacettepe University, MSc principal supervisor serdar.aritan @ hacettepe.edu.tr