Cagin Agirdemir

Contact Details

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Location : Ankara, 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++
  - 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, machinery and control systems
  - Digital Electronic and Power Electronics
  - Embedded Systems
- Achievements:
  - 1 research awards with grand 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   **2004-2009**

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

Employment History

STEM Instructor   2020-…
Technical Education Center (Ankara, Turkey)
• Key Responsibilities
  o Digital Electronic
  o Microcontrollers and Programming

Kit Developer, R&D Engineer   2017-2019
Science Center (Ankara, Turkey) – science and education center operating in Ankara
• Key Responsibilities
  o Teaching STEM lessons to foreign students
  o Creation of circuit design for new scientific toys Project

Engineer Trainee   2016
Vestel (Vestel City, Manisa, Turkey) – TV and White goods manufacturer
• Key Responsibility
  o Observing process management at TV factory electronic department

Engineer Trainee   2017
Oemia Electronic Manufacturing (Ankara, Turkey) – Defence product manufacturer
• Key Responsibility
  o I completed the emdedded software project with weight sensor used in electric public bus for driver overweight warning system.

Undergrad. Student Researcher   2014-2015
Suleyman Demirel Uni. Information Center (Isparta, Turkey) – carries out the university course and grade system on the web.
• Key Responsibility
  o To implement PHP optimization tasks.

Undergrad. Part time Student   2012-2013
Suleyman Demirel Uni. e-content crew (Isparta, Turkey)
• Key Responsibility
  o To implement distance education content with Adobe Animate/Flash.

Skills

• Electronic Technical Skills: EagleCAD

• Software Skills: C++/OpenGL, Embedded C, PHP (Advanced)

• Design Tools: Adobe Animate, Photshop

Language : English(Nationalwide Exam Score:61,25/100), Turkish(Native)

Certificate

• Cisco | IT Essentials

• UWashingtonX | Using Email for Networking in English

• UTexasAustin | Embedded Systems – Shape The World

Organizations and Conference

• 2012 Wisdom of the Earth EU project in Villa Elba Youth Center Kokkola, FINLAND

• 2017 TÜBITAK 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

• Refree of Soccer - member of Turkish Football Association

Poster Presentation

Agirdemir C.,and Cakir A., Graduation projects exhibition. Poster presented at: Internetof 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 programing.