

Emre COBAN *Software Developer*

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in emreshepherd



👤 ABOUT

I have recently completed a master's in the Department of CEIT at Amasya University, Turkey 🏠. My master thesis is focused on computational thinking 🧠. During the thesis term I try to develop the web app, which is a reliable and valid to measure high school students' computational thinking skills 📊. Also I make scientific studies on computer science education 🔍.

I graduated from industrial vocational high school, where I studied in the branch of web programming 🎓. While I was in high school, I worked as a web developer intern. Although I started developing websites in 2006, I got my first job in 2012 💼. In the past, I have worked on websites, android apps, and web based internal systems for some of the small software companies and clients 💻. My main experience is in back and front ends development with using the operations of CRUD 🔑.

I've been currently learning JavaScript and React. I can work remotely, or hybrid.

🎓 EDUCATION

2018 – 2021
Amasya, Turkey

Amasya University, Computer Education and Instructional Technology

- **Master of Science**
- **GPA:** 3,66 / 4
- Developed a web app to measure Computational Thinking skills.

2016 – 2018
Samsun, Turkey

Ondokuz Mayıs University, Computer Education and Instructional Technology

- **Bachelor of Science**
- **GPA:** 3,43 / 4
- Developed an android application for disabled people.

2013 – 2015
Samsun, Turkey

Ondokuz Mayıs University, Computer Programming

- **Associate of Science**
- **GPA:** 3,46 / 4
- Developed a CMS for values education.

2009 – 2013
Samsun, Turkey

Atakum Vocational and Technical High School, Information Technology

- **High School**
- **GPA:** 73,01 / 100
- Developed a program to Control PC via SMS.

PROFESSIONAL EXPERIENCE

- 12/2021 – 10/2022
Ankara, Turkey
Jandarma ve Sahil Güvenlik Akademisi, Reserve Officer
- 09/2017 – 05/2018
Samsun, Turkey
Samsun Mesleki ve Teknik Anadolu Lisesi, Computer Teacher Intern
I taught high school students about Arduino and evaluated the students' work.
- 06/2014 – 08/2014
Samsun, Turkey
Side Internet ve Bilisim Teknolojileri, Web Developer Intern
I converted the designs in the format of PSD or PNG to HTML/CSS, and then coded in Classic ASP.
- 07/2013 – 04/2014
Samsun, Turkey
Kayrasoft Yazilim ve Bilisim Teknolojileri, Web Developer
I converted the designs in the format of PSD or PNG to HTML/CSS, and then developed corporate websites in Classic ASP. During the developing I used JavaScript and jQuery for effective results. For the database operations I used MySQL and MS Access. The websites I developed are programmed for simple operations such as presenting brand identity. Therefore, most of the time I worked on the operations of CRUD. Also I helped interns to develop websites.
- 06/2012 – 11/2012
Samsun, Turkey
KA Bilisim Teknolojileri, Web Developer Intern
I converted the designs in the format of PSD or PNG to HTML/CSS, and then developed corporate websites in Classic ASP. During the developing I used JavaScript and jQuery for effective results. For the database operations I used MySQL, MSSQL and MS Access. The websites I developed are programmed for simple operations such as presenting brand identity. Therefore, most of the time I worked on the operations of CRUD. Outside of that I worked on a few projects for ministry and governorship. In one of the projects, the construction projects in Turkey were followed. In the other project, women's health in all of the city were followed.

PUBLICATIONS

- 11/2022
Genişletilmiş Gerçeklik Teknolojileri: Kavramsal Çerçeve ve Güvenlik Alanında Kullanım
Erdal, H., Arslan, Ş, & **Çoban, E.** (2022). Genişletilmiş Gerçeklik Teknolojileri: Kavramsal Çerçeve ve Güvenlik Alanında Kullanım. H. Erdal (Ed.), In Genişletilmiş Gerçeklik Teknolojileri ve Güvenlik Uygulamaları (1st ed., pp. 1-43). Kriter Yayınevi.
- 06/2021
Bilgisayarca Düşünme Becerilerinin Ölçülmesinde Alternatif Bir Yaklaşım: Performans Tabanlı Ölçüm
Çoban, E. and Korkmaz, Ö. (2021, June). Bilgisayarca Düşünme Becerilerinin Ölçülmesinde Alternatif Bir Yaklaşım: Performans Tabanlı Ölçüm. İ. Önder (Ed.), In ERPA 2021 International Congresses on Education (p. 60). Sakarya.
- 2021
An alternative approach for measuring computational thinking: Performance-based platform
Çoban, E., & Korkmaz, Ö. (2021). An alternative approach for measuring computational thinking: Performance-based platform. Thinking Skills and Creativity, 42, 100929. <https://doi.org/10.1016/j.tsc.2021.100929>

- 2020 **Technological Formation Scale for Teachers (TFS): Development and Validation**
Erdoğmuş, C., **Çoban, E.**, Korkmaz, Ö., & Özden, M. Y. (2020). Technological Formation Scale for Teachers (TFS): Development and Validation. Participatory Educational Research, 8(2), 260-279. <https://doi.org/10.17275/per.21.39.8.2>
- 2020 **Attitudes of IT teacher candidates towards computer programming and their self-efficacy and opinions regarding to block-based programming**
Çoban, E., Korkmaz, Ö., Çakır, R. et al. Attitudes of IT teacher candidates towards computer programming and their self-efficacy and opinions regarding to block-based programming. Educ Inf Technol 25, 4097–4114 (2020). <https://doi.org/10.1007/s10639-020-10164-w>
- 10/2019 **Technological Formation Levels of Teachers and Teacher Candidates**
Erdoğmuş, C., **Çoban, E.** ve Korkmaz, Ö. (2019, October). Technological Formation Levels of Teachers and Teacher Candidates. Ş. Şentürk (Ed.), In Ondokuz Mayıs University International 100th Year Education Symposium (s. 90). Samsun: Ondokuz Mayıs University. <http://u100es.omu.edu.tr/>

PROJECTS

Computational Thinking Score, Web Application

Computer Thinking Score is a web application that measures high school students' computational thinking skills (PHP and Bootstrap).

Dikey Geçiş Asistanı, Android Application

It is an Android app for the students who study the exam. The app is programmed in Java/Android Studio (Native), and was made for the students who study the exam. The students can calculate their scores, save the results of test, study math and Turkish, chat the other students, find new friends, and get notify about the exam etc. I've used Firebase, and my JSON API for registering, chatting, notifications.

My Voice, Android Application

It is an Android app helps disabled people. The project's aim is to help disabled people to able to communicate more easily with people who do not know sign language. Disabled people can play the ready sentences in the screen.

Values Education, Content Management System

The project is a Content Management System for Values Education. As a teacher, you can add books and games for primary school students in the project. The students gain score through reading book, and then play games if the student's score is enough for the game.

3Words, Social Network

3Words is a social network project, programmed in both Classic ASP and PHP. The first release was published in 2012. The users can write 3 words about themselves on their profiles each other in 3Words. The PHP version is better than the ASP version. It is not responsive unfortunately.

More

Please, visit it: emrecoban.github.io and github.com/emrecoban.

SKILLS

Problem Solving



Working as a part of a team



Teaching



Learning new things



LANGUAGES

Turkish

English

I can write in English with help from the dictionary. I'm not good at speaking and listening in English. However, I can introduce myself, a product, or something like that, and go abroad and live. Also I've written a scientific article in English before.

AWARDS

Honor Student, Ondokuz Mayıs University
2015

COURSES

Language Course, American Life Language Institute
Samsun, Turkey
• English, from A1 to B2.

EXAMS

ALES (Say: 73 EA: 67 Söz: 60)

YÖKDİL (Natural Sciences: 56)