
EDUCATION

2017 - 2022

İhsan Doğramacı Bilkent University, Faculty of Engineering – Ankara, Turkey
B.S in Computer Science/Engineering

SKILLS

Software: Java, C++, Java Script (React), Swift, System Verilog, MIPS/Assembly, SQL, UML.

Platforms: Android Studio, XCode, Vivado, Visual Studio/Code, Photoshop, Firebase, Adobe XD, VisualParadigm, Git, GitHub.

Hardware: BASYS 3 FPGA Port, Arduino, Integrated Circuits.

RELEVANT

Algorithms & Programming: Studied Algorithmic design, data structures and OOP using Java and C++.

Digital Design and Computer Architecture: Studied computer architecture and hardware design such as cache memory, processors, virtual memories.

School Projects

- [Train Management](#), Train, and Passenger System group project designed in Java using **JavaFX** and **MySQL** database. The system is composed of Passengers who can buy and cancel tickets for their trips and Admins who can create, delete, and update Train Trips. (team leader)
- [Digital Design Project](#), Designed using **System Verilog** in **Vivado**. The program creates memory and lets the user manage data in the memory by using Basys3. (**FPGA Port**)
- [Peer Review](#), Group project designed in **Java** using **MySQL** database and **GitHub** used for version control system. **UML** diagrams and project design built in **VisualParadigm**.
- [Head Indie Language](#), New programming language for “Adventure Game” created as a group using **Lex** and **Yacc**.

Hobby Projects

- [Item Trade \(Android\)](#), Item trading platform designed using **Java** and **XML** in **Android Studio**. It uses **Firebase** as a database. (included instant messaging)
- [Item Trade \(IOS\)](#), Item trading platform designed programmatically using **Swift** in **XCode**. It is **IOS** version of Item Trade Android application.
- [Item Trade \(Web/React\)](#), Item trading platform designed programmatically using **JavaScript** by using **React** components. Uses the same database with android app and IOS app. Web version of Item Trade.
- [Expense Tracker \(Android\)](#), Simple expense tracker android app designed using **Java** in **Android Studio** and uses **Firebase** as database. Simple app for personal usage. Store data monthly in the database.
- [Text Analyzer \(Web/React\)](#), Web application designed to analyze text and show text properties such as the longest word, most five frequent words, word count and many others.
- [Blogger Website \(Html5\)](#), Word pressed and adaptive website for bloggers designed using **Html5**.

Certifications

- **IELTS**, International English Language Testing System, **Score: 6.5** -2018
- **Python Basics for Data Science** edX certification. -2020
- **Analyzing Data with Python**, edX certification. -2020
- **iOS & Swift - The Complete iOS App Development** Bootcamp, Udemy certification. -2019
- **Zero to Hero Java** Course, Udemy certification. -2018