

# Ahmet Hakan Yilmaz

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## Education

### Bilkent University

Bachelor of Computer Science, GPA:3.35

Ankara, Turkey

Sept 2018 - Current

## Work Experience

### Dogus Technology

Software Engineer Intern

Istanbul, Turkey

July 2022 - Sept 2022

- Worked on Zebra which is a web project with microservice architecture for vehicle loan services.
- Implemented service for SMS verification on a **.NET Core** project using **C#**.
- Implemented frontend changes on the Node.js project using **VueJs** and **Pug** according to customers requests.
- Made **SQL to LINQ** conversions for decreasing dependency to stored procedures. Wrote **xUnit tests** to test changes.

### Tetra Enginnering

Software Engineer Intern

Ankara, Turkey

Aug 2021 - Sept 2021

- Worked on Tetra Business Solutions (TBS) which is web and android project that enable companies to follow their workflows.
- Designed screens for the existing **Android** project and implemented service methods on the **.NET** project to feed these screens from database.
- Worked on improving database efficiency using **MS SQL** tools. Improved database performance slightly using different indexing strategies in some use cases according to SQL profiler.

## Projects

### Meeting Arranger

Mobile Project ( Individual )

Mar 2022 - June 2022

- Developed a user friendly meeting arranger app using **Flutter (Dart)** for me and my friends to decide optimal meeting times. Used **Firestore** for the database. Published it in Google Play Store.

### Thread Scheduling Simulation

C Program ( Group )

Feb 2022 - March 2022

- Developed a multithreaded **C program** in Linux that simulate the different types of scheduling that CPU can use.
- Used mutex locks, condition and mutex variables. Became familiar with multithreaded programming and different scheduling strategies.

### ClubVerse

Web Project ( Group )

Nov 2021 - Jan 2022

- Developed a web project for handling university club and student relations using **Spring Boot (Java)**, **PostgreSQL**.
- Worked on the backend and database part of the project.
- Learned and prepared different types of **UML** diagrams for reporting purposes.

## Skills

**Programming** Java, C/C++, C#, Dart, JavaScript, SQL (MS SQL , SQLite, PostgreSql), HTML/CSS

**Miscellaneous** Android, Flutter, Firebase, Git, UML, Design Patterns

## Achievements

<b>7th place</b> in ITU ACM AlgoComp'22 among more than 300 teams	2022
<b>Finalist ( Top 15 )</b> in Hacettepe University Programming Contest among approximately 200 teams (HUPROG)	2022,2019
<b>41th and 126th</b> places in the National University Entrance Exam (YKS) among more than 2.5 million people	2020,2018
<b>First place</b> in Cankaya University Mathematics Competition among High Schools with the participate of 51 schools	2018
<b>2 Gold and 1 Silver</b> medals in Akdeniz University Mathematical Olympiads	2017,2016,2015
Project owner of a geometry project "A work on Morley Triangle"	2016
<b>Silver Medal</b> in TUBITAK National Mathematical Olympiads	2014