Ibrahim Eren Tilla

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EDUCATION

- **Bilkent University**   Ankara, Turkey
  Bachelor's Degree in Computer Engineering: Top %25 of class   *August 2017 – June 2021*

EXPERIENCE

- **Trendyol Group**   Istanbul, Turkey
  Associate Software Developer   *June 2021 – Present*
    - Participated in a full Sprint, designed and implemented a quality assessment system that is currently being **used by 3500+** customer service agents **every month**.
    - Had a chance to learn and use many cutting edge technologies such as **Spring Boot, React, Couchbase, and Docker**.
    - Currently **working TDD Sprints** to support the Trendyol infrastructure which has **15+ million visitors per day**.

- **Vadi Enterprise Information Systems**   Istanbul, Turkey
  Software Engineer Intern   *July 2020 – October 2020*
    - Implemented a web-based application that receives and analyzes the data from various gas sensor kits over Istanbul using IoT. **Used AWS IoT Core, IoT Analytics, and AWS DynamoDB.**
    - Established and tweaked communication through UART communication protocol over STM32 MCUs.
    - The application is currently being **used by 7 district municipalities** in Istanbul.

- **Turkish Airlines**   Istanbul, Turkey
  Software Engineer Intern   *July 2019 – September 2019*
    - Designed and built a user agreement program with an internship project team that was deployed and is currently being **used by 200+ people** in the company.
    - Used Python 3 to connect the system to the MS SQL database to store a large amount of field data.

PROJECTS

- **CodeGiant**
  Database Systems Project
    - A web-application of a coding practice & interview system (e.g., HackerRank, LeetCode).
    - Worked on the **back-end** of the website and created **RESTful APIs** using **Node.js** and **Express.js**.
    - An integrated system that can support **thousands of users**, code be found at GitHub.

- **Crossword Solver**
  Artificial Intelligence Project
    - An open-source **AI program** to solve The Mini Crossword from NYTimes.
    - Downloads the clues and solves them through searching online dictionaries, code can be found at GitHub.

- **Settlers of Catan**
  OOP Project
    - Implemented the popular board game "Settlers of Catan" in Java, using JavaFX with Scene Builder.
    - Focused on learning proper documentation and creating **analysis & design** reports, concentrating on the **application lifecycle management**, code can be found at GitHub.

PROGRAMMING SKILLS

- **Languages:** Java, C++, HTML5, CSS, JavaScript, Python

- **Tools/Technologies:** Git, Amazon Web Services, IoT, NodeJS, ExpressJS, React, Django, Azure, Spring

ACHIEVEMENTS

- Placed **984th** on the national admission exam in Turkey where roughly **1.2 million people** attend, ranking within the **top 0.08% percent** of contestants.