

# Yekta Seçkin Satır

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**Turkey,** Antalya. Willing to relocate

## EXPERIENCE

**SunExpress Backend Engineer Intern**

**2022 July - August**

- Creating a peer-support application to be publicly hosted on SunExpress's domain with a team of 3.
- Writing an API from an existing codebase for the project. **Using:** C# ASP.NET Core Web API
- Helping with the frontend's functionality **using** React Javascript.

**EDA Engineering and Analysis** <sup>®</sup> *Software Engineer Intern*

**2022 June**

- Visualized and animated the externally computed flight data of objects over a terrain that the user chooses on a 3D earth model. **Used:** Javascript, Three.
- Got comfortable working with Open Graphics Library and Geometry.
- Implemented a small API to send heightmap and texture of chosen coordinates and stl models via HTTP.

**Softalya** <sup>®</sup> *Frontend Developer Intern*

**2021 June - August**

- Implemented given XD designs and their functionalities. **Used:** React Javascript, Redux, GraphQL, CSS.
- Learned about backend **using** Python FastAPI and SQLAlchemy.

## EDUCATION

**Bilkent University**

**2019 – 2023 (Expected)**

*Bachelor's Degree in Computer Engineering*

CGPA 3.08 / 4

- Gained skills: Maintainable and Efficient Coding, Object Oriented Software, Databases, Software Analysis and Design, Testing.
- Deeply Comprehended: Computer Architecture, Internet, Operating Systems, Engineering Mathematics.

**Antalya Koleji Fen Lisesi**

**2015 – 2019**

*Science Highschool*

- Ranked **1056<sup>th</sup>** in TYT (<0.05%) and **1869<sup>th</sup>** in AYT out of **2,390,491** participants in YKS 2019 (the annually held university entrance exam of Turkey).

## PROJECTS

Releases, demonstrations and source codes of all 10 (mostly hobby) projects are in [the portfolio page](#).

**HMSTL:** Helped contribute to an open-sourced library that converts height-map to .stl files. **Used:** C.

**Portfolio Page** <sup>®</sup>: Current personal webpage. **Used:** ReactJS, CSS.

**SatVI** <sup>®</sup>: Craigslist-like app with separately implemented and deployed Backend and Frontend. **Used:** CSS, ReactJS, Redux, GraphQL, Python fastAPI, SQLAlchemy.

**WCDTTBot** <sup>®</sup>: A social experiment subreddit bot with an internet friend. Invites random users to a private subreddit, kicks inactive users, ranks them. Currently moderating ~50 active users. **Used:** Python PRAW.

**Relativity-Simulator** <sup>®</sup>: A desktop game to demonstrate special relativity by decreasing light speed to 100px per second. Followed Java and OOP conventions. **Used:** Java.

**MonitoRing** <sup>®</sup>: Freshman project with a group of 5. An android app to track Bilkent's bus system (Rings) with google maps API. **Used:** Android Studio, Firebase, Java.

## SKILLS

**Proficient with:** Java, Javascript (React, Three), C#, Git.

**Highly Familiar with:** C++, Python, SQL, CSS, HTML, MIPS ASM, Systemverilog, Firebase.

**Soft Skills:** Self-learning, learning from and teaching to peers, time management, positive attitude.

**Languages:** Turkish (native), English (full professional proficiency), German (intermediate learner), Spanish (beginner).