

DORUK ALTAN

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Ankara, Türkiye

Education

Bachelor of Science in Computer Engineering from Bilkent University
Graduated 2023

Technical Skills

- Game Development with Unity
- C#, C++, Java, Python
- CSS, HTML, JavaScript
- React, Django, CUBA
- PostgreSQL, NoSQL
- Visual Studio, VSCode
- GitHub Desktop, Git

Languages

- **Turkish:** First Language
- **English:** Advanced (C1)

Games

Personal Unity Projects April 2023 – Current
<https://doruk-altan.github.io/Portfolio/>

“Hell’s Kitchen”

- **Description:** 3D kitchen simulator. Cook as many correct orders as you can before time runs out.
- **Tech Stack:** Unity and C#
- **GitHub:**
<https://github.com/doruk-altan/HellsKitchen>

Summary

Hardworking, talented and motivated software developer with a knack for problem solving. Bilkent University alumni with a B.Sc. in Computer Engineering. Experienced in C#, C++, Java, SQL. Knowledgeable in practices such as coding, debugging, version control, design patterns and principles. Experience with game development from personal projects using Unity and C#. Looking for a position in the game development industry with continued skill development opportunities.

Experience

Computer Engineer Student – “Identifying malicious networks regarding covid on Twitter with machine learning classification and network analysis”

September 2022 – January 2023

Successfully developed a fine-tuned, BERT based misinformation classifier and conducted network analysis on the resulting data.

Key responsibilities

- Created datasets by scraping tweets from Twitter with Python libraries.
- Used machine learning model BERT to perform sentiment analysis and fine-tuned the model to train a misinformation classifier with TensorFlow and Python.
- Utilized network analysis techniques and clustering algorithms to predict malicious networks and used Gephi to visualize the results.

“Zombie Takeover”

- **Description:** 2D platformer. Dodge all zombies and ghosts to survive as long as you can.
- **Tech Stack:** Unity and C#
- **GitHub:**
<https://github.com/doruk-altan/Zombie-Takeover>

“Angry Birds Clone”

- **Description:** 2D Angry Birds clone. Take out all the enemies before you run out of birds.
- **Tech Stack:** Unity and C#
- **GitHub:**
<https://github.com/doruk-altan/Angry-Birds>

“Android Bounce Ball”

- **Description:** 2D Bounce Ball game for Android. Keep the ball from falling down with the paddle as the ball gets faster.
- **Tech Stack:** Unity and C#
- **GitHub:**
<https://github.com/doruk-altan/AndroidBounceBall>

“Carrot Collection”

- **Description:** 2D platformer with virtual joystick for mobile. Gather all the random carrots in the map before time runs out.
- **Tech Stack:** Unity and C#
- **GitHub:**
<https://github.com/doruk-altan/Carrot-Collection>

“Flappy Bird Clone”

- **Description:** 2D Flappy Bird clone. Fly through the random obstacle pipes.
- **Tech Stack:** Unity and C#
- **GitHub:**
<https://github.com/doruk-altan/Not-Flappy-Bird>

Interests

- Science-fiction, Gaming, Technology, Chess, Sailing, Sports

Osi Advertising Agency Intern – *Website design & development*

July 2021 – September 2021

Designed and developed websites for various businesses or companies with Osi Advertising Agency.

Key responsibilities

- Contributed to implementation of several features of an e-commerce application with Python and Django as a framework.
- Produced HTML, CSS and JS code on WordPress platform to create fast and clean websites.

More Games

“Strateon”

- **Description:** 2D Real-time strategy game. Build resource buildings and produce units from them to command together or individually..
- **Tech Stack:** Unity and C#
- **GitHub:**
<https://github.com/doruk-altan/Strateon-Demo>

“Incredibeatbox”

- **Description:** 2D music production game similar to Incredibox. Drop the instruments on the beatboxers to make music.
- **Tech Stack:** Unity and C#
- **GitHub:**
<https://github.com/doruk-altan/Incredibeatbox>

“Ball Crush”

- **Description:** 2D ball break game where balls get smaller and faster as they are broken.
- **Tech Stack:** Unity and C#
- **GitHub:**
<https://github.com/doruk-altan/Ball-Crush>