

Yavor Ivanov

System Programmer

CONTACT ME

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📍 Sofia, Bulgaria

🐙 Yawkata

EDUCATION

System programming
Technological School Electronic
Systems (TUES) of the Technical
University of Sofia (TU-Sofia)

📅 2019 - current

📍 Sofia, Bulgaria

SKILLS

- C / C++
- HTML / CSS
- Java
- Python
- MySQL
- Bash
- Arduino
- Embedded
- Computer networks

EXPERIENCE

Hacktues 6

Team of 5

- Participant in project "**Parkopedia**" - Web site that aims to make people's daily lives easier by finding the closest parking lot to a user's location.

Hacktues GG

Team of 5

- Participant in project "**Green goal**" - Web app that offers an online marketplace that connects organic food producers with interested buyers.

TUES Fest 2023

Team of 2

- Participant in project "**Hand-Controlled-Tilting-Maze**" - Embedded project based on Arduino, where the player navigate through a maze remotely by tilting a controller equipped with a gyroscope.
- **Won sponsor's award by "DXC Technologies"**

PROJECTS

Quiz Game

Own

- A simple console game, inspired from the popular show "Who Wants to Be a Millionaire".

Scrabble

Team of 3

Term project for subject System Programming

- A game whose goal is to type as many words as possible. Each word entered is checked against a special data structure (Trie), which is built from a dictionary of 10 0000 words. Points are given based on the complexity of the word.
- My part in the project was to implement the serialization and deserialization algorithm of the data structure.

Employee Record System

Own

Term project for subject System Programming

- A console-based employee recording system that allows adding, deleting and editing records. There are also options for sorting and searching employees by different criteria.

Vectors and Lines

Own

Project for subject Mathematical basics of programming

- A program that calculates the next position of a billiard ball using the impact force and direction vector.

Typing Speed Test

Own

Term project for subject "Scripting Languages"

- A program that calculates how many words per minute you can type.

Smart Lamp

Own

Term project for subject Embedded

- This project represents device for controlling a lamp or any other electrical appliances by sound signal. The aim of the project is to replace the common on and off button with clapping twice with hands.