

Bilciurescu Gabriel Cosmin

github.com/Gabriel-x-1 • linkedin.com/Gabi

Education

2022-Present **Polytechnic University of Bucharest, Faculty of Engineering in Foreign Languages, Bucharest, Romania**

- **Bachelor's Degree in Computer Science and Engineering (English)**
- Coursework: **Object Oriented Programming, Introduction to Operating Systems, Data Structures, Microprocessor Architecture, Algorithm Design, Formal Languages and Compilers, Numerical Methods.**

Projects

2019-2022 **H-tech Robotics**, Personal project, [GitHub](#)

Java developer for **autonomous** and **remote controlled** actions
camera detection, sensors, encoders, DC/Servo motors

July **PAGE-security**, Personal project, [Github](#)

2022 Encryption/Decryption cross platform software with security features for keyloggers
C++, WxWidgets, Windows scripting

October **Tic Tac Toe**, Personal project, [GitHub](#)

2022 Tic Tac Toe game with features like UI and multiplayer.
Python basics, frameworks.

November **Java OOP exercises**, University homework, [GitHub](#)

2022 A collection of Java programs that demonstrate the use of Object-Oriented Programming principles.
Classes in Java, inheritance, polymorphism

December **LifeLine**, University project, [GitHub](#)

2022 A web application built using Flask that provides its users with charts and tools useful for life tracking
Frontend (HTML / CSS / JavaScript) and for Backend (Python / MariaDB / Apache2 Server)

January **RobotLink**, Personal project, [GitHub](#)

2023 A platform for FTC teams, where can be created events for community, upload 3D models, get AI statistics on documents and make research via APIs.
Frontend (HTML / CSS / JavaScript) and for Backend (Python/PHP / MariaDB / Flask Server)

May **IntelliLingua**, University project

2023 A multi AI tool built in Python that can perform tasks like: topic modeling, keywords extraction, text moderation, translation, live training etc.
Artificial intelligence, Data extraction, Natural language processing, Machine learning, Information retrieval, Language filtering, Text mining, Computational linguistics, APIs

Software Engineering Skills

Medium: **Java, C++, Python, Web development (HTML / CSS / JavaScript)**

Basic: **Bash, SQL**

Knowledge of LINUX, scripting skills (Bash), Git

Achievements

2023 Scientific communication session I st place FILS UPB

multiple awards in high school at international/national programming-related contests.

Languages

English (C1), Romanian (Native)