

ALI AFZAL

Student ~ ELTE

06-12-2002

afzal.ali.alld@gmail.com

+36 706 495284

github.com/afzalaman

Budapest, Hungary

/in/afzal-ali-elte

SUMMARY

I am currently a BSc student at Eotvos Lorand University with a keen interest in Software Engineering. I am also working as an OOP Demonstrator at the University. I am passionate about new technologies and always open to acquiring new knowledge

SKILLS

Languages: Java, C/C++, C sharp, SQL, Swift, VBA, Python, JavaScript, HTML, PHP, GoLang, Haskell.

Other: .Net, Apache JMeter, REST API, Unity Engine, Good knowledge of Algorithms and Data Structures.

EDUCATION

2021 - 2025	BSc Computer Science Ongoing, Bachelor's Degree on Stipendium Hungaricum Scholarship	Eotvos Lorand University, Budapest - HU
2016 - 2020	High School Diploma GPA of 3.39 out of 4	CISCE, New Delhi - IN

EXPERIENCE

8/2023 - 2/2024	Reporting Team - Intern <ul style="list-style-type: none">Utilizing VBA in Excel to automate and enhance monthly and quarterly executive reports for senior leadership decision-making.Leading the transition from traditional Excel reports to a modern online dashboard format using Qlik Sense technology, ensuring seamless integration and data visualization.	Vodafone Intelligent Solutions - VOIS, Budapest - HU
2/2023 - 7/2024	OOP Course Demonstrator <ul style="list-style-type: none">Object Oriented Programming Lab InstructorFacilitating teaching responsibilities for Professor by designing and assessing challenging tasks, exams, and coursework in OOP course. Conducting student consultations, addressing inquiries, and explaining OOP concepts to enhance learning experiences.	Eötvös Loránd University, Budapest - HU

LANGUAGES

English - C1, Hungarian - A1, Hindi - native, Urdu - native

PROJECTS

JAVA	Capitaly Simulation Game Simulation of a simplified Capitaly game, implementing diverse player strategies, property transactions, and chance events, with parameters read from a text file, allowing for efficient testing and providing detailed game outcomes, including the winning player's financial status and owned properties.	github.com
Rest API	Rest Mobile Phone REST-based application which can store and present information about mobile phones created using the FastAPI framework in Python. It uses Uvicorn server	github.com
C	Vineyard-Simulation A vineyard simulation application for efficient spring season worker management. Utilized inter-process communication techniques, including pipes and message queues, to coordinate worker transportation and provide real-time status updates. Established competence in process management and signal handling within a Unix-like environment.	github.com
PHP	Polling Web Application A web application where logged-in users can create or cast their votes on polls (questionnaires/forms)	github.com
Concurrency	Pigs Simulation Designed and implemented a multi-threaded simulation in Java. Proven proficiency in concurrent programming and simulation design.	github.com
JavaScript	Light the Bulb Game A grid game crafted with JavaScript.	github.com
C++	Atmospheric Gases Implemented a concise C++ program using design patterns to simulate atmospheric layer transformations influenced by changing conditions. Demonstrated proficiency in C++, Design Patterns, and File I/O.	github.com

JAVA	Labyrinth Game Created a Java Labyrinth game with JDBC integration for database connectivity and Java Swing for the GUI. Developed dynamic gameplay featuring a mobile dragon, monitored player statistics in a database and incorporated functionalities for showcasing high scores.	github.com
JAVA	Hunting Game Developed a two-player Hunting Board Game with Java Swing GUI. Players strategically move characters on an adjustable board to either capture or escape.	github.com
Concurrency	Field Race Simulation Java program for a concurrent field race simulation with players and checkpoints. Thread synchronization using ExecutorService, AtomicBoolean, and ConcurrentHashMap. Achieved dynamic scoring, periodic display, and program termination.	github.com
DSA	Custom Data types implementations Different datatypes implementation in C++	github.com
HTML/CSS	Home2Decor Website A small interior designer company website using HTML/CSS and Bootstrap 5	github.com