

# Zurab Kituashvili

Computer Science & Math Major

## PROFESSIONAL SUMMARY

Highly skilled computer science student with experience in Python, Java, React/React Native, CSS, HTML, JavaScript, TypeScript, Expo, OCaml, MySQL, and Verilog. Seeking a challenging role to advance knowledge and work collaboratively with top experts. Known for analytical problem-solving skills, with a track record of developing innovative solutions to complex challenges. A multitasker who delivers results on time and possesses exceptional communication skills.

## PERSONAL PROJECTS

- Created Pygame versions of Flappy Bird and Snake, mastering game mechanics like collision detection and scoring.
- Developed a console-based eCommerce app with SQLite integration, honing UI/UX and database manipulation skills.
- Developed React apps like Quotes, Cart, Tours, and To-Do List, sharpening React expertise.
- Developed an authorization and registration React app with JWT authorization using Axios and Express with admin panel showcasing data manipulation and user authentication.
- Re-engineered MyAuto.ge website with React and TypeScript, enhancing large-scale app development and front-end skills.
- Developed a fake data generator using faker.js, demonstrating proficiency in creating simulated data.
- Constructed a personal website using HTML, CSS, JavaScript, advancing web development and UI design skills.
- Designed a Python song manager for music organization, developing file handling and UI design skills.
- Developed applications like a real-time chat platform, a tic-tac-toe game, and an engaging shooter game—leveraging sockets to ensure rapid communication between clients and the server.
- Designed and crafted a job-seeking application using React Native, powered by Expo, with users exploring actual job listings.
- Created a Java-based probabilistic search algorithm using machine learning, refining data structure and algorithm design skills.
- Developed an OCaml function for Polymorphic binary trees.

## EXPERIENCE

Student Teaching Assistant / Professor Assistant in Databases 1 course at Kutaisi International University  
Organizer of Computational Logic Autumn Summit 2022

## EDUCATION

2021-2025 Kutaisi International University  
BS in Computer Science (Sophomore)

Relevant coursework:

- Data Structures and Algorithms
- Database Systems
- Object-Oriented Programming
- Scripting Languages

## ADDITIONAL SKILLS

- Organizational skills
- Data structures
- Debugging
- Programming languages
- Software tools:
- Problem-solving
- Teamwork skills
- Computer/IT skills

## CONTACT



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## PRO.SKILLS

- (OOP)  
Python, Java
- (WEB)  
React, HTML, CSS, JS, TSX, Node, Express, Expo, React Native
- (Databases)  
MySQL, MariaDB
- (Assembly languages)  
MIPS assembly, VERILOG
- (Computer Architecture)  
MIPS processor
- (Functional Programming)  
OCaml

## Languages

Georgian - Native

English - C1

Russian - A2