

ILIAS BAKTYBEK

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Computer science student with proficiency in C++, Java, and Flutter equipped with strong problem-solving and communication skills. Seeking a Software Developing/Engineering job to gain practical experience in the field and contribute to innovative projects while learning from professionals.

EDUCATION

Ohio University | Athens, OH
Bachelor of Science in Computer Science
Minor in Mathematics (Completed)

Anticipated Graduation: May 2025

GPA: **3.51**

EXPERIENCE

RSK Tech | Bishkek, Kyrgyzstan
Mobile App Developer Internship

June 2024 – August 2024

- Developed a new account management feature, allowing users to effortlessly view and manage multiple accounts, which led to a 15% increase in app usage
- Designed and implemented the user interface using Flutter, ensuring a consistent and intuitive user experience
- Collaborated closely with the QA team to conduct thorough testing and debugging, significantly reducing app crashes by 20%

STEM Tutoring at Ohio University | Athens, OH
Computer Science & Math Tutor

February 2024 – Present

- Tutoring college students in programming (Python, Java, C++) and math (calculus, linear algebra)
- Simplified complex concepts in algorithms, data structures, and discrete math, enhancing students' understanding and problem-solving skills
- Developed customized learning plans, boosting student confidence and performance in exams

COURSEWORK & PROJECTS

Driver Drowsiness Detection System

September 2024 - Present

(face recognition and data processing software in Python)

- Developing a real-time driver drowsiness detection system using Python and PyTorch for facial recognition, head placement, and eye state analysis to enhance road safety
- Implementing algorithms for image processing to analyze video feeds for signs of drowsiness, focusing on facial landmarks and eye aspect ratio calculations

Medicine Reminder App (mobile application in Flutter)

June 2024 – August 2024

- Developed a mobile application in Flutter that sends notifications to user to remind them to take a particular medicine at a specific time
- Enabled a dual-user system for patients and doctors, utilizing Firebase for authentication and data storage, allowing doctors to send patients personalized medication lists, which automatically set up reminders on patients' phones

Boop (game in C++)

April 2023 – May 2023

- Developed the board game Boop in C++ with a user being able to play against the computer. The program follows object-oriented programming paradigm and uses alpha-beta pruning in the design of the AI

HONORS AND RECOGNITION

Dean's List | Ohio University

Fall '21, Spring '23, Spring '24

CERTIFICATIONS & TRAINING

- Flutter & Dart - The Complete Guide [2024 Edition]** – Udemy

July 2024

SKILLS

Technical: C++, Java, Flutter, Linux, Python, Git, JavaScript, HTML5, CSS3, C, VSCode

Language: English (Full Proficiency), Kyrgyz (Native), Russian (Native)