

Since childhood, I have been passionate about two things: computer technology and animals. The first was formed out of curiosity and a desire to learn what the programming field is, and the second because of the still relevant problem with homeless animals. Over time, I came to the conclusion that one can help the other. My goal is to implement an application to help shelters, which will be the first step towards solving the problem of homeless animals in my country. The idea is to digitally systematize shelters and information about animals. The database could include their exact number, medical records, shelter contacts, charity events and much more.

I came to this goal at school, when I realized: mini projects I did to solidify my knowledge of C++, C#, Python and JavaScript could grow into something tangible - the same code, but designed to solve actual social problems. It inspired me to take a bigger step - enroll at the Alem educational center, one of the leaders in training IT specialists in Central Asia. When I first came, there were no teachers or course materials: only the laptop screen with our task list, and other students around. Apart from tasks, which we could best solve by exchanging ideas and sharing resources with each other, there was an examination every Friday and team projects for every weekend. I became open to leading teams: often, I was selected as a leader during our weekly team projects and facilitated a fairly spread of workload on every team member and an important team meetings to discuss the ideas and changes for current code. In just 4 weeks, I learned a new programming language, Go, and became a better team worker. The knowledge and experience gained at this center helped me during my first internship.

In August of 2024, I started interning at Multicode, a company specialized in optimizing the movement of carriages using AI to increase the profits of wagon fleets. I helped to introduce graphs showing the actual implementation of the plan by railcar fleets, and also optimized queries in the database. Drawing from my experience in Alem, I focused on adapting to and building connections with the core team from the very beginning. I learned from each member, gaining deeper insights into structuring, implementing functionalities and systematizing databases. In the end of this internship, I realized there will always be some things that we will not know and tasks that are new and unfamiliar, but this reassurance that I got from the core team increased my confidence that it's possible to operate even in situations that seem completely unknown, and after that I decided to actually start searching for ways to develop the app functionalities that I envision.

HKBU's Department of Computer Science is uniquely positioned to help me achieve my goal of creating an application for animal shelters. The program's clear focus on fostering innovative problem-solving aligns perfectly with my vision of using computer technology for social good. I am specifically drawn to HKBU's strong concentration on research, as evidenced by its state-of-the-art facilities like the High-Performance Computing Lab and Data Analytics Lab, which would provide me with the tools and environment to refine my skills in database management. Furthermore, the department's commitment to producing socially responsible graduates, as stated in its program aims, resonates with my desire to make a positive impact through technology. By joining HKBU, I hope to collaborate with like-minded peers, and take advantage of opportunities like real-world project initiatives to bring my ideas to life.