Dear Sir or Madam,

I completed my undergraduate program in Electrical and Electronic Engineering from Nazarbayev University. In my bachelor’s studies I gained understanding of some fundamental principles in both Power and Communication Engineering, greatly improved my technical and research skills. I intend to pursue Master’s Degree and I truly believe that Master of Science in Electrical and Computer Engineering at Nazarbayev University is a great opportunity for me to deepen my knowledge as well as make my contribution in this field. The variety of important courses listed for this major are closely related to my long-term career interests and it can help me to cultivate my potential. I am looking forward to conducting research as well as study all the important aspects of engineering.

During my undergraduate studies, I successfully completed several projects in different fields. The major ones include design of a quadcopter with PID controller, integrated circuit design in Portable Food Analyzer, interdisciplinary research on Gas Fired Power Plant design and numerical optimization project, the main aim of which is to maximize the number of triangles in undirected graphs using shortcut edges. It helped me to improve my technical skills such as programming in multiple languages, project management, technical writing, it gave me a valuable insight into developing algorithms and data analysis as well as provided me with an opportunity to work with people from different academic disciplines. Recently, I have completed final year research project on Optimization and Resource Allocation in Small Cell Network. My goal was to formulate optimization problem and develop effective algorithm for both resource allocation and power optimization. As a result of good time management and intensive research, I was able to successfully complete milestones ahead of time and propose an iterative algorithm as well as develop Genetic Algorithm. During this research, I extended my knowledge of C++ and Matlab along with numerical optimization skills.

Starting from the last year, I worked part-time in a small indie game studio as a 3D artist and a programmer. I have participated in multiple projects and mastered such programs as AutoCAD and 3ds Max, what is more I gained a valuable experience and skills such as programming in C#, while working in Unity Game Engine. Advanced 3D modelling and programming skills gave me an opportunity to be a part of “Exo-glove in the domain of biomedical engineering” project conducted by Nazarbayev University Engineering in Medicine and Biology Student Club.

My long-term goal is to be a part of research and development department and be able to not only apply my knowledge on practice but also improve the existing systems in the field of engineering. I truly believe that Master of Science in Electrical and Computer Engineering at Nazarbayev University can give me an opportunity to fulfil my goals; therefore, I will devote myself to studies and put all my efforts to make a great contribution to engineering field. I want to thank you for considering my application.