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MRS. ANNA HORVÁTH

SH COORDINATOR

EÖTVÖS LORÁND UNIVERSITY

International@Inf.Elte.Hu

Dear Madam,

RE: APPLICATION FOR COMPUTER SCIENCE AT EÖTVÖS LORÁND UNIVERSITY

I am writing to apply for the degree in Computer Science program in which I am enormously interested. The degree from one of the most prestigious, elitist and respected universities, is my chance to enrich my knowledge and professional out growth thereby contribute to the development of humanity and the world by contributing the development of modern age technology to counter rand solve real world problems.

I am a technology enthusiast and believe in the power and potential of technology in solving modern world problems and crisis to a problem free world. Kenya is my native country where I was born and raised. It is an independent country in the East African community which has made tremendous steps towards being a technological country. However, it has many problems that affect the well-being of its people.

Lack of clean water, lack of electricity, famine, hunger and disease are the most severe problems affecting my country. Through this program, I wish to gain extensive and crucial knowledge on how computers, technology and science helps counter these problems by providing solutions. By observing and analyzing these problems I am aware that everybody's well-being depends on a solution to social and global problems that can be solved through computer science. With this knowledge, dream to come back to my country and provide solutions by integrating what I will have learnt with what is already there and solve these social problems.

My interest in programming and computers began during primary school when I first came into contact with computer coding which created the school website. I was totally fascinated with programming, and started working on small projects of my own, creating other websites. I followed online tutorials to solve problems I encountered on my way. It was really interesting and empowering to create something new, from the scratch.

Throughout my schooling I have always participated in the opportunities that would enhance my leadership and team working skills. I took part in the organization of International

Evening in my school. After the first year, I was elected to be a team leader in charge of organizing the participants and technical manager who delegated tasks for the duration of the events.

Thanks to the summer internship I completed with a software engineering company, Andela Kenya, where I learned SQL. During the first week of my internship I learned the basics of SQL and how to create databases. This experience was extremely important for my professional development because knowledge of SQL is essential for a computer expert.

I have also worked with a startup company called sproutfy in Kenya as a junior data scientist and participated in collecting, sorting and analyzing students' data from over 100 Kenyan schools and delivering optimized and enhanced reports on the same. I also worked in the IT department in the development of a mobile application that delivered on hands tool closer to parents to where they were able to monitor their children's performance in school right in their smart phones.

Studying for BSc Computer Science is a dream come true. I have always been fascinated by computers, the way the accomplish tasks, automation, networking and most of all how computers help solve social, environmental and economic problems of the modern world. The program will help me actualize my dream where I hope to solve climate change and disease through computer science especially in my country where it lacks such expertise.

In conclusion, I would like to reconfirm that I am eager to gain new experiences, improve my skills and broaden my understanding of the dynamic IT world, and I am persuaded that studying in B.Sc. in Computer Science would contribute to my development as an IT specialist in the best way possible. Moreover, I believe that degree will open many new opportunities in life and I am eager to undertake this challenge.

Thank you very much for considering my application.

Yours faithfully,

Patrick Karungari.