

Statement of Purpose

Applicant Name:

Program: BSc (Hons) Computing Science

University: Ulster University, London Campus

Introduction

I am, a dedicated and enthusiastic student originally from and currently residing in Born on, I have always been intrigued by the transformative impact of computing on modern society. With a deep-rooted curiosity about how technology shapes our world and unwavering support from my parents, I am determined to pursue higher education in Computer Science. I seek to join an academic environment that fosters innovation, practical learning, and research excellence, which are the qualities I see in Ulster University.

Academic Background

I completed my secondary education at with a GPA of in the science stream. I found a strong interest in core subjects such as Mathematics, Chemistry, and Physics, which nurtured my logical thinking and problem-solving skills. My exposure to basic programming and my personal interest in understanding the inner workings of software systems confirmed my decision to study Computer Science. These formative experiences have sparked my ambition to become a computing professional, capable of solving real-world problems using technology.

Why the United Kingdom?

The United Kingdom has long been recognized as a global leader in higher education, consistently ranking among the top countries in the world in the Education Index as per the United Nations Development Programme. Its universities are globally renowned for their rigorous academic standards, cutting-edge research, and strong emphasis on employability. According to the QS World University Rankings 2024, the UK is home to several universities in the global top 100, and its reputation for quality education ensures that degrees from UK institutions are respected and recognized worldwide.

Studying in the UK offers access to industry-integrated learning, shorter yet intensive programs, and globally accredited qualifications, which are ideal for students looking to accelerate their professional journey. Additionally, the UK's post-study work visa (Graduate Route) offers international students the opportunity to gain practical experience, a vital step in transitioning from academia to employment.

From a cultural standpoint, the UK provides a diverse and inclusive environment, which enhances personal growth, adaptability, and global citizenship. Living and studying in an English-speaking country will not only strengthen my communication skills but also increase my confidence in working across international markets—an essential requirement for my career in computer science.

Why Ulster University?

Ulster University has established itself as one of the leading modern universities in the UK, known for its innovation, academic excellence, and student-focused learning. Ranked among the Top 50 universities in the UK by The Guardian University Guide 2024, Ulster is especially noted for offering career-oriented, globally relevant, and deeply rooted in practical application.

One of the university's strongest selling points is its commitment to employability. Ulster's curriculum is designed in collaboration with industry professionals, ensuring that students gain not just theoretical understanding but also hands-on experience that aligns with current global market demands. This approach is particularly vital in today's competitive job landscape, where applied knowledge and real-world skills are valued more than ever.

Ulster also boasts a diverse international community, modern campus facilities, and outstanding academic support services. It places a strong emphasis on inclusivity, research-driven education, and industry collaborations—all of which are essential for students like me aiming to develop a global mindset combined with technical skills.

Why Ulster University - London Campus?

Choosing the London campus specifically allows me to study in one of the world's most vibrant and tech-driven cities. London offers a dynamic mix of academic, cultural, and professional experiences, ideal for expanding both my knowledge and career prospects. Being at the heart of one of Europe's leading tech hubs provides me with invaluable exposure to global tech trends, networking opportunities, and potential internships.

The London campus is specifically designed to support undergraduate education, offering state-of-the-art facilities, academic mentorship, and a close-knit student support network. It also provides excellent connectivity to other major UK cities, enhancing mobility and access to even more career-related opportunities.

Compared to the university's other campuses, London stands out for its affordability, multicultural environment, and urban energy. Its diverse population and cosmopolitan lifestyle will not only broaden my global perspectives but also enrich my learning experience by allowing me to engage with peers from all around the world.

Why BSc (Hons) Computer Science?

The BSc (Hons) Computer Science program at Ulster University aligns strongly with my interests in emerging technologies like Artificial Intelligence and Cybersecurity. I am particularly drawn to its balance of theory and practical application, preparing students for the demands of today's tech-driven world. The opportunity to engage in full-stack development, data analytics, and cloud-native systems directly supports my goal to build secure, intelligent digital solutions.

Ulster's modern computing labs, strong industry ties, and student-led tech communities further strengthen my motivation. These resources will enable me to apply my knowledge through real-world simulations, collaborative projects, and innovation competitions.

The program modules reflect a progressive learning structure:

Year 1 – Core Modules:

- Introduction to Databases
- Client Side Development
- Mathematics for Computer Scientists
- Introduction to Physical Computing
- Problem Solving for Computing
- Innovation and Society

Year 2 – Core Modules:

- Computer Networking
- Data Analytics
- Systems Security
- Programming in Practice
- Server Side Development
- Software Product and Process Management

Year 3 – Core Modules:

- Full-Stack Strategies and Development
- Cloud Native Development
- Computing Systems Project

Optional Modules:

- Artificial Intelligence
- Edge and Embedded Systems Intelligence

Career Goals and Future Plans

After completing my degree, I plan to gain professional experience in the UK through the Graduate Route. Working in roles related to software development, cloud infrastructure, or cybersecurity will allow me to apply the knowledge and skills gained at Ulster University in real-world settings. I look forward to collaborating with international tech teams, engaging in agile development practices, and deepening my understanding of scalable, secure software solutions.

In the long run, I intend to return to Nepal and actively contribute to the country's growing digital landscape. I aim to work with leading technology companies such as **eSewa**, **Khalti**, **Informatics Pvt. Ltd.**, or **CloudFactory**, where I can be part of impactful projects in fintech, enterprise software, or digital services. These organizations are at the forefront of Nepal's tech innovation and offer excellent platforms to apply advanced computing skills in a local context.

Eventually, I aspire to launch my own tech venture that addresses real-world problems through smart, ethical, and user-friendly solutions, especially in areas like financial inclusion, automation, and e-governance. By blending the international experience, I gain abroad with local insight, my goal is to build systems that empower people and help shape a digitally inclusive Nepal.

Conclusion

The BSc (Hons) Computer Science program at Ulster University's London Campus aligns perfectly with my academic background, interests, and career aspirations. I am eager to gain global insights and cutting-edge skills that will empower me to lead technological initiatives and contribute to Nepal's socio-economic development. I am confident that my passion, commitment, and experience will make me a valuable addition to the Ulster University community.

Thank you for considering my application.

Sincerely,