

Proposal on Carbon Emission Reduction in Websites and Inquiry on Fast-Track PhD Opportunities

Respected Professor Ts Dr. Noor Maizura Mohamad Noor,

I hope this email finds you well. My name is Sudersen s/o Lekshmikanth, a recent graduate with **first-class honors** in Computer Science (Software Engineering) from University Malaysia Terengganu, where I achieved a CGPA of 3.68. I am currently employed as a Security Operations Analyst at Commerz Global Service Solutions and have hands-on experience in cybersecurity, software development, and blockchain technologies.

I am writing to express my keen interest in joining your research group for a master's or fast-track PhD program. Building on my academic foundation and professional experience, I wish to propose a research initiative focused on optimizing website technologies to reduce carbon emissions. This concept is inspired by my final-year project, where I reduced carbon emissions of a website by 38% through implementing the Svelte framework and optimizing JavaScript usage. I believe this topic aligns well with sustainability goals while merging software engineering, artificial intelligence, and system optimization principles.

Additionally, I have a deep interest in your work in artificial intelligence, cybersecurity, and blockchain technologies. During my academic and professional journey, I have:

- Engineered blockchain-integrated e-commerce platforms for secure transactions.
- Developed user-centric applications, including job portals and CRUD systems.
- Gained expertise in tools like Google Chronicle, Vectra AI, and Microsoft Defender for Endpoint, alongside experience in cloud technologies (AWS, Kubernetes, Docker).

Given my first-class degree, I am interested in exploring fast-track PhD opportunities in your esteemed program. I am also curious about potential grants or funding support that could assist in pursuing advanced studies and contributing to your ongoing research.

I have attached my resume for your review and would greatly appreciate the opportunity to discuss potential research directions, application procedures, and funding opportunities.

Thank you for considering my application. I look forward to the possibility of contributing to your research group and learning under your mentorship.

Best regards,

Sudersen s/o Lekshmikanth

Phone: +6010-9262808

Email: lekshmikanthsudersen@gmail.com

LinkedIn: www.linkedin.com/in/drsudersen