Dear Reader,

I am excited to apply for the graduate software engineer role at Experian. As a motivated and detail-oriented individual, I am eager to contribute my skills and passion for low-level software and hardware development to your team.

Currently, I am in my third year of a BEng degree in Computer Systems Engineering at the University of East Anglia (UEA). Through coursework and personal projects, I have developed strong skills and interests in programming, electronics, networks, and embedded systems.

My academic journey has deepened my interest in the intersection of hardware and software. I have undertaken diverse projects, including designing a logic-based traffic light system, creating an analog microphone encoder and amplifier, and developing a knockoff "BopIt" game planning both hardware and software. My current third-year project focuses on an embedded robotic lawnmower, where I am currently responsible for both random and from an aerial image map generation, as well as complete coverage path planning.

Beyond academics, I have pursued additional software projects in my free time. I am proficient in C++, Python, Java, and other programming languages, and I particularly enjoy optimising code, making it as efficient as possible

As someone with Asperger's syndrome, I approach problems with a unique, algorithmic perspective that enables me to identify patterns and craft effective solutions. It also lends me an ability to memorize and notice patterns or structures, for instance in large code bases.

I would be delighted to discuss how my skills and experiences align with the needs of your team. Please feel free to contact me via the details below. I have also included links to my project portfolio for your review.

Thank you for considering my application. I look forward to the opportunity to contribute to Experian and to grow as a professional in this field.

Best regards,
Toby Towler

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