

Vincent St.  
Sandfields,  
Swansea, Wales, UK SA1 3TY

Wed, 04 Jan 2023

To whom it may concern,

I am excited about the opportunity to join the firmware engineering team at your company and use my technical skills and problem-solving abilities to contribute to the development of innovative and high-quality products. I am a proactive learner and excel in dynamic environments, and I am confident that my diverse background makes me a valuable asset to your team. Thank you for considering my application. I look forward to the opportunity to further discuss my qualifications with you.

I have always been interested in the intersection of engineering and computer science. This led me to pursue a bachelor's degree in mechanical engineering and then a master's degree in computer science. Throughout my studies, I have developed a strong foundation in computer science and software engineering, including coursework in Software Engineering Principles, Software Testing, Relational and Object-Oriented Databases, Embedded System Design, Data Structures and Algorithms. My masters project was building a desktop GUI application in Rust that provided ML based predictions for microfluidic droplet formation process. I also have experience working with C, C++, and Rust, as well as scripting in Lua, Python, and Bash. In my undergraduate studies, I completed several hands-on projects in which I applied mechanical engineering principles to design and build prototypes for various applications.

I am pleased to inform you that I am on track to receive a Master's degree in Computer Science with distinction, with a current average of 82%. I believe that my background in mechanical engineering, combined with my advanced degree in computer science, make me a unique and valuable asset to your team. I have a passion for using technology to solve complex problems and am excited to continue learning and growing as a software engineer.

Thank you for considering my application. I look forward to the opportunity to further discuss how I can contribute to your team.

Sincerely,

Ashish Sonwane  
MSc Computer Science Student  
Swansea University