Joel Ferguson

ferguson-j29@ulster.ac.uk

16/11/2018

Dear Sir/Madam,

I would like to apply for the software engineer year placement. I became interested when reading the website and finding out your company specialises in smart security. Please find my attached CV for your consideration.

Currently I am enrolled onto the Software Engineering Bachelor's Degree at Ulster University after completing a foundation degree. Currently I am developing my knowledge in SQL and java along with other technologies.

My completed Foundation Degree in Software Engineering has developed my coding and database knowledge. During my course, I have learnt about various technologies including java, c#, SQL, asp.net, ado.net, CSS and Access databases. Projects included black box testing on a cinema application in a programming module that got to the NI Best Awards along with Junit testing in a second year programming assignment. While on placement and follow on employment with Fortress Sefa which lasted 8 months, I developed my skills in databases and formula use when it comes to extracting the data that is wanted for analysis and development of software systems to help enhance a company's performance.

While being in Fortress I have used Excel and Access to introduce a barcode and tracking system that uses formulas and that import and export data to create tables that allow an interface to be used to report back to companies in need of information about their doors and shutters. I had communicated with different people at various seniority levels so that I would be putting the correct relevant information in to the spreadsheet. Through continual development and teamwork, the project was successful and door production is now trackable. Fortress use AutoCAD to make doors, which was a new software package to me, so along with Excel I was able to speed up the production process by working with other people and creating formulas to pull relevant data which allowed direct access to inserting the barcode.

Through being on the placement I believe I can enhance my development skills and become part of a team that is looking to deliver the best service to their clients.

Thank you for your time and consideration.

Yours faithfully,

Joel