**About**

I am a passionate Developer. Technology enables me to stay spontaneous and gives me an opportunity for creative fulfilment.

I have developed various applications in multiple languages including Java, C#, Kotlin, SQL.

**Fidelity** 2017-2018 Placement Year

**Bots**

The start of my placement year entailed me leading bot development within Fidelity, a channel they hadn’t approached before. I adapted quickly, learning a new programming language (C#) and attending a hackathon hosted by Microsoft themselves to accelerate the process. Functionality of the bot included responding with employee information and assisting with instillation of software.

**TedX 2017**

Post bot development I was assigned the role of lead Android developer. The project at focus during this time was TedX 2017. The application included an agenda for each day, their speakers and corresponding information, and question functionality which allowed users to ask and like questions for the speakers.

**Events**

Events allowed users to view upcoming events within the business. Users could create events for employees to join and ask questions throughout the event. All data was managed in a database by myself and other developers. Additionally, event creators could export an event onto their local C drive in the form of an excel spreadsheet.

**Toolbox**

My remaining time was devoted to the improvement and upkeep of the rest of our applications, predominantly Toolbox. It was throughout this time I was able to offer dynamic alternatives to otherwise strict business regimes, an example of which being an analytics page displaying support employee information to their managers. Data that would originally have been presented in a typical list format was displayed throughout multiple coloured graphs in accordance with the corresponding website colours.

**Maintenance and improvements**

The remainder of my time was spent proactively incorporating new libraries and SDK’s into applications where deemed necessary. I developed an up-to-date working knowledge of application architecture and it benefits when testing. Architecture of which I incorporated by both refactoring and generating code in clean and maintainable MVP architecture.

Maintenance of global ticketing application – introduce new ideas (graphs) **TechHub**

Eventual application design and creation