



Pfizer UK Undergraduate Programme 2019/2020

Artificial Intelligence Undergraduate

Business Technology

Global Business Intelligence

About Pfizer

We are Pfizer, one of the world's premier innovative biopharmaceutical companies, discovering, developing and providing over 200 different medicines, vaccines and consumer healthcare products that help save and transform the lives of millions of people in the UK and around the world every year.

About the Business Technology

The role will be in our Business Technology (BT) team, with the mission to be the best information technology (IT) organisation in healthcare, and be respected as a world leader in delivering business value through technology.

Business Technology is structured into two key areas:

- Business Technology Business Partners who provide client-facing thought leadership and business application solutions; and
- Business Technology centres of excellence (CoEs) who are responsible for providing a broad range of IT services for our colleagues and partners around the world.

The role will report into Artificial Intelligence Lead in the European Business Technology team. There will be frequent interactions with Pfizer colleagues and as Pfizer works with many technology partners to develop and support our applications, it is likely that there will be significant interactions with our partners.

What can I achieve and what will I be responsible for whilst completing a placement at Pfizer?

Pfizer provides undergraduates with the opportunity to work with experts in the pharmaceutical industry and has a wealth of opportunities available across a variety of departments. Through working in a dynamic and fast-paced Business Technology (BT) environment, undergraduates can look forward to learning new technologies, explore how they apply to pharmaceutical industry, develop business acumen, and work in a cross functional setting and experience being a valued team player. Skills that are important to this role and will be developed during the 12 month placement will include communication through liaising with colleagues and external partners, time management of and prioritisation of different requests.

Pfizer also offers a diverse environment which allows employees numerous opportunities to grow and develop. This is a great chance to be part of the bigger picture, and to assist in

ensuring Pfizer maintains a strong and diverse workforce as well as developing a talent pipeline of future Pfizer colleagues. It is also a fantastic way to obtain a better understanding of the pharma industry and the type of roles it has to offer.

What we are looking for?

We are looking for a small number of undergraduates who want to work in a growing Artificial Intelligence team, dedicated to leveraging data and advanced analytics to create a healthier world. Specifically, this group is focused on developing a set of capabilities designed to enable highly efficient exploration, experimentation, and ultimately rapid hypothesis generation based on internal, public, and commercially available datasets.

Day-to-day, you will actively support ad-hoc analysis efforts by groups across Pfizer largely focused on identifying, developing, and delivering life-changing therapies to patients around the world. Further, this role will be a key contributor to the team's on-going analytic product development activities; an essential component to creating a scalable analytics capability for Pfizer.

We are looking for undergraduates who have:

- Ability to create technical examples, prototypes, and demonstrations based on rapidly changing data sets;
- Ability to thrive in a fast-paced multi-disciplinary environment; with the ability to effectively communicate with a diverse audience;
- Experience with statistical modelling; specifically supervised and unsupervised Machine Learning techniques;
- Experience with algorithms related to text analytics and network analysis;
- Experience with SQL, Python, Scala, or Java as well as formal statistical tools R, SAS, etc.;
- Understanding of the fundamentals of effective visualizations and current toolsets (e.g. Tableau, Spotfire, Shiny, D3.js); and
- Exposure to MPP RDBMS (e.g. Teradata, Red Shift), Hadoop, Spark, Presto and related tools focused on the distributed processing of large datasets.

Do I have the skills?

You should be studying for a Computer Science, Software Engineering, Statistics or similar degree, be on track for a 2:1 (or equivalent) or above with a passion for IT and technology. We are looking for undergraduates who can solve problems during ambiguity, work as a team, and can communicate effectively to stakeholders.

There will be plenty of opportunities to improve your skills over the 12 months as well as build your knowledge of technology and biopharmaceuticals for your future career. Finally, your industrial placement must be recognised or supported by your university.

Where will I be based?

Pfizer's European Business Technology team are predominately located near Tadworth, Surrey providing European IT services to Pfizer's commercial business. Opened in 2002, the site houses around 800 employees, who work across the commercial businesses or in one of the business support functions (such as finance or HR).

Pfizer currently provides a green shuttle service for our staff to our office from/to the following locations: Crawley, Dorking, Epsom, Leatherhead, Redhill, Reigate, Sutton & Tadworth.

When can I start?

Placements will start on 2nd September 2019 and will run for 12 months.

Person Specification

In addition, we are seeking someone with these 'Skills', 'Knowledge' and 'Motivation':

- Knowledge of Information and Communication Technology in a corporate environment
- Strong Interpersonal, verbal and written communications skills
- Ability to contribute as a member of a team
- Ability to prioritise workload and use initiative to solve issues
- Ability to take ownership of various tasks and work autonomously
- High proficiency on MS Office applications (Word, Excel, Visio, PowerPoint, Access)
- Ability to start and manage small projects
- Knowledge of our business

Please note that we only accept application forms. Please do not send over your CV or cover letter as they will not be considered.