

# Bloomberg

## Company

- Contrary to popular belief, Bloomberg are not a bank, a news corporation, or a financial organisation – [Mike Bloomberg](#) founded the organisation, first and foremost, as a technology company.
- Bloomberg's core product, [the Terminal](#), is their main source of income, and their technologists are the main driving influence behind its long term evolution.
- With this said, Bloomberg are able to offer a unique combination of challenging work around real time data, highly advanced analytics, scalability, security and performance.
- Not traditionally renowned as an 'open-source' firm, Bloomberg are [progressively modernising their approach](#) and [becoming more open](#) – see their [Blog](#) and [Labs](#) page.
- They have been voted the [most innovative company](#) for their investment in technology, and continue to win awards/industry recognition for their work.
- Bloomberg's London HQ is based centrally by Liverpool Street station – see [video](#) – with plans to move in to a [brand new building](#) in Walbrook Square by Cannon Street, in 2016.
- Their work surroundings combine a software house-type setting with casual dress, bright open plan spaces & free food/drink – nothing like the corporate financial institution you may assume. They invest in creating an environment their staff can come in & genuinely feel engaged within.

## Team

- Bloomberg's agile London [Mobile](#) team, c50 people in size and headed up by [Phil Miller](#), the team are focused on building the [Professional](#) version - which gives their subscribers all the core tools the traditional Terminal offers (news, data, messaging, analytics, trading etc) to be successful within the main financial markets on their mobile device, for a monthly subscription fee of about £3,000, so it is by all means a premium product.
- Their user base is in the hundreds of thousands, and includes a large proportion of the financial industries highest level decision makers.
- Given this select client base, the engagement level of the app is huge, as all their clients demand the highest possible quality & user experience. Developers receive fast feedback on their work, making it a very rewarding environment to work within.
- Bloomberg are far ahead of their closest competitors on the market, Thomson Reuters – Eikon, and always look to stay at the cutting edge of technology trends.
- A few of their key initiatives at present are improving their instant messaging client; enhancing their financial charting capabilities; building an integrated note-taking feature (like Evernote); and exploring the possibilities within Apple Watch.
- The majority of Bloomberg's real-time services are built in C++ and Java, so the Mobile team get to work across a huge variety of technologies & platforms, on both the server and client side.
- They work very closely with the Product and UX teams in New York, as well as external clients and users, so staff can expect plenty of interpersonal and business interaction. Every sub-team within Bloomberg (e.g. Trading Systems, Messaging, Energy, Real Time Analytics) are keen to have their own feature on the app, so it's Mobile's job to deliver as well rounded a service as possible.

## **Candidate**

- Bloomberg tend to seek bright engineers who know their Computer Science fundamentals inside out and have experience of low to high level Object-Oriented programming on products of significant complexity.
- They are interested in hearing from individuals who have played a key part in contributing to genuinely improving their firms' product/process, and have overcome deep complex technical challenges, rather than just re-skinning a website for an app, for example.
- Topics that are tested for at interview stage range from algorithms, memory management/architecture, data structures (hash tables, binary trees, linked lists, arrays etc), multithreading (synchronization, deadlocks), concurrency, pointers and performance - it is a highly selective process, seeking a demonstration of both theoretical and practical expertise, but indicating the level of knowledge they require in their team.
- As Bloomberg's platform and user base scales, they have huge performance problems to solve, therefore anyone who has had to deal with similar instances could certainly bring some interesting experience to the team.

## **Offer**

- Remuneration-wise, they have budget to pay up to the £90,000 basic mark per year, in addition to a competitive annual bonus (which is guaranteed, pro-rata, in your first year of tenure) and extensive benefits package (including health/travel/dental/life insurance including family, season ticket loan, pension, 25 days holiday, gym membership, discounts, and many social clubs/societies/tech conferences)
- Continual personal development is of utmost important within Bloomberg's R&D department - extensive financial trading training is provided; each week they have some kind of organised [hackathon](#); and [regularly host tech talks from industry experts](#)
- This is a permanent position, and requires full time employment onsite within their London office. They are not a work-from-home-culture, although there may be some degree of flexibility in the mid to longer term.