Name: Fadi Ahmed

Class: CISC 3140

Microsoft

Microsoft was founded in 1975 by Bill Gates who is now a technology advisor and a board member of Microsoft. Microsoft started in Albuquerque, New Mexico, and moved to Bellevue, Washington in 1979. Now, Microsoft is one of the biggest companies in the world with a market value of $1.10 trillion U.S. dollar. The company has 151,163 employees worldwide, 89,417 of them in The United States, and more than 41% of Microsoft employees are engineers.

The Chief Executive Office is Satya Nadella and other 12 board members are leading Microsoft. Microsoft has signed a cloud contract award of $10 billion with the government of The United States. This contract award was a big win for Microsoft over Amazon, “Microsoft was considered in the lead for other government cloud programs, including an intelligence contract; only recently has Microsoft opened enough classified server facilities to be able to handle data on the scale of the Pentagon contract.”

Microsoft is involving in all industries by helping them with their data and develop a technology to make their jobs easier and more effective. For example: Microsoft is involving in the healthcare industry by empowering them with technology where this technology can improve the healthcare and reduce the costs, this was only one example and there are many examples where Microsoft changed the environment of the workers and the clients of those industries. Microsoft has been affecting peoples’ daily lives and changing the world to be better and more efficient.

Microsoft has a big team of engineers; therefore, it is necessary to divide the work and responsibilities between the engineers. The team of engineers are divided into four groups in Microsoft as the following:

1. Cloud + AI Group

Scott Guthrie leads the Microsoft Cloud + AI Group. His teams are responsible for the company’s computing fabric (cloud and edge, including cloud infrastructure, server, database, CRM, ERP, management) and Artificial Intelligence platform (infrastructure, runtimes, frameworks, tools and higher-level services around perception, knowledge and cognition).

1. Experiences + Devices

Rajesh Jha leads Microsoft’s business that brings Office, Devices and Windows together to build the world’s best experiences, the best devices and the best products for our customers. The group has focus spanning across productivity, communications, education, search and other information services, along with the software platform, apps, store and devices that power the Windows ecosystem.

1. Artificial Intelligence and Research

Harry Shum leads Microsoft’s Artificial Intelligence and Research team, which includes Microsoft Research, as well as AI-focused product groups including Bing and Cortana. He is responsible for driving the company’s overall AI strategy and forward-looking research and development efforts spanning infrastructure, services, apps and agents.

1. Core Services Engineering & Operations

Kurt DelBene leads the Core Services Engineering and Operations (CSEO) Group that builds and operates the systems that run Microsoft. This group brings together IT (including security) and Business Operations to drive innovation and productivity for employees, leading the internal transformation of Microsoft. CSEO makes it easier for employees to do their jobs and for customers and partners to do business with the company.

The base salary of the engineers in Microsoft is in the range of 108K to 142K. Microsoft has many positions, and types of jobs most of them are in U.S. Microsoft is like other big companies when we are talking about the qualifications they look for when hiring engineers. They are looking to hire people with industry experience between 1-3 years. The engineering teams of Microsoft are dealing with all kinds of technology and programing languages such as C++, Java, C#. The teams are also dealing with many types of challenges and obstacles while they are building a new technology invention or improving the software for an existing one. Because of this, they always are looking for the best engineers in the field. Microsoft has also a lot of jobs and opportunities for those who graduated recently from school, and payed internships for who are still in school.

The information in this paper was taken from the following:

The website of New York Times

<https://www.nytimes.com/2019/10/25/technology/dod-jedi-contract.html>

The website of Microsoft

<https://news.microsoft.com/facts-about-microsoft/>

The website of LinkedIn

<https://www.linkedin.com/jobs/search/?currentJobId=1605306677&keywords=microsoft>