

How To Be A Software Engineer at FAANG Companies

Essay

Untuk memenuhi Tugas Mata Kuliah Bahasa Inggris 2

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Introduction

FAANG is an acronym referring to the stocks of the five most popular and best-performing American technology companies: Meta (formerly known as Facebook), Amazon, Apple, Netflix, and Alphabet (formerly known as Google).

Tech giants are major players in their respective technology fields, namely: e-commerce (Amazon), online advertising, consumer electronics (Apple), cloud computing , computer software (Microsoft), streaming media (Netflix), artificial intelligence, smart homes, self-driving cars , and social networks. They have become one of the most valuable public traded companies globally, each with a maximum market capitalization ranging from around \$1 trillion to over \$3 trillion. They are also considered as one of the most prestigious and selective companies in the world, especially Google

The salary in the company is very big because it requires people who are not only geniuses but the best of the best in the world, for example, a Software Engineer at Facebook level E3 has a basic salary of 134K USD/Year, not including a stock of 42K USD/Year. Total 184K USD/Year



The screenshot shows the Facebook page on the Levels.fyi website. The left sidebar includes the Facebook logo, the company name 'Facebook', and sections for 'RELATED COMPANIES' (LinkedIn, Uber, Pinterest, Twitter, Roku) and 'REPORTS' (Top of 2021). The main content area has tabs for 'Overview', 'Salaries', 'Benefits', 'Chat (New)', 'Levels', and 'Jobs'. The 'Salaries' tab is active, displaying 'Average Compensation by Level' for 'Software Engineer'. A table lists compensation levels E3 through E8 with columns for Level Name, Total, Base, Stock (/yr), and Bonus. A '+ Add Your Compensation' button is visible in the top right of the table area.

Level Name	Total	Base	Stock (/yr)	Bonus
E3 (Entry Level)	US\$184 rb	US\$122 rb	US\$42 rb	US\$21 rb
E4	US\$264 rb	US\$162 rb	US\$82 rb	US\$22 rb
E5	US\$385 rb	US\$196 rb	US\$156 rb	US\$35 rb
E6	US\$574 rb	US\$229 rb	US\$298 rb	US\$50 rb
E7	US\$905 rb	US\$270 rb	US\$564 rb	US\$78 rb
E8	US\$1,23 jt	US\$293 rb	US\$850 rb	US\$90 rb

Picture 1 (levels.fyi)

But, not everyone has the ability and opportunity to get into Facebook as a Software Engineer, because there are so many competitors from all over the world. Don't worry, here I will summarize from several reliable sources.

e.g. Amazon gets 18 to 20 job applications per minute, Apple has an acceptance rate of 2 to 3%, and Google receives nearly three million job applications per year, Not only genius to get these Companies.

Problems to become a Software Engineer at FAANG

1. Don't understand about Fundamental Computer Science

Many graduates from major of Informatics and Computer Science don't understand the basics of computer science, because they think it's difficult to understand, it's not wrong because they think no need to understand data structures and algorithms, prefer to use programming language frameworks that are just copy past from documentation.

2. Higher Competition

Difficult to find work because of increasingly competitive competition. Some companies recruit workers from all over the world because the world is now very open. In some cases, foreign workers are willing to work for lower wages. As a result, many college graduates find it difficult to get a job because it is so competitive . In the years to come, many people hope that the high-level competition will only continue. This is one of the reasons why so many students choose to change fields while working.

Graduating with a computer science degree is a great way to have a brilliant career. But it can be remembered for students to understand all the challenges they face in the future. The way to increase your chances of getting a job is to do an internship or part-time work while studying

3. New Technology

People who graduate from college must continue to spend time and money to stay abreast of new technologies. It is one of the best ways for people to take their careers to a new level. In the computer science industry, the best workers are the ones who continue to invest in their education after they graduate.

4. Lack of practice

Many students practice learning programming languages only when given assignments, but when there are no assignments they are lazy, and do not hone their programming skills.

How To Solve it

Fundamental

1. Have Strong Computer Science Foundation

To pass the test at FAANG company, you must have a strong Computer Science foundation. You need to have knowledge of foundation technical concepts such as :

- Data Structure like – binary search trees, stack, trees, etc
- Algorithms like sorting/searching, dynamic programming ,etc
- System Design concepts like proxy, load, caching, and databases
- Core Computer Science subjects like OS (Operating System, Computer Networks, And DBMS)

2. Research About the Company

Being able talk about your ability and achievement is important, but knowing about company is so important. Below are some of the main advantages of research about the company :

- Feel confident
- Indicates that you ready or not
- Enhance your chance being selected
- Show your excitement

3. Practice Programming Questions

Practice coding questions is really important to get hired at FAANG Companies, Practice of coding make you confidence and you have a technique to solve challenging problems with ease. So always ensure that you practice coding questions in the language mentioned in the jobs description.

4. Have a Guidance From FAANG Companies

We are living in digital century, we have opportunity to connect with professionals worker at FAANG companies and get details about journey preparation. Knowing details make you comfort and learning process relatively easy.

Inclusion

Jobs at FAANG means very high salaries, incredible growth opportunities , and much more. However, work at these company requires consistent super hard work and right strategy. But not everyone fits the work culture that hard work, think out of the box, and think ahead.

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