# Software Dev Engineer Intern

Job ID: 2277612 | Amazon Data Services Israel

Haifa, IL

Job summary
We're on the lookout for the curious, those who think big and want to define the world of tomorrow. At Amazon, you will grow into the high impact, visionary person you know you're ready to be. Every day will be filled with exciting new challenges, developing new skills, and achieving personal growth.

How often can you say that your work changes the world? At Amazon, you'll say it often. Join us and define tomorrow.

If you're insatiably curious and always want to learn more, then you've come to the right place. With us, you'll get good at making fast decisions, taking calculated risks and fearlessly chasing excellence.

As an intern, you will be matched to a manager and a mentor. You will have the opportunity to impact the evolution of Amazon technology as well as lead mission critical projects early in your career. Your design, code, and raw smarts will contribute to solving some of the most complex technical challenges in the areas of distributed systems, data mining, automation, optimization, scalability, and security – just to name a few.

Key job responsibilities

- Collaborate with experienced cross-disciplinary Amazonians to conceive, design, and bring to market innovative products and services.
- Design and build innovative technologies in a large distributed computing environment and help lead fundamental changes in the industry.
- Create solutions to run predictions on distributed systems with exposure to innovative technologies at incredible scale and speed.
- Build distributed storage, index, and query systems that are scalable, fault-tolerant, low cost, and easy to manage/use.
- Ability to design and code the right solutions starting with broadly defined problems.
- Work in an agile environment to deliver high quality software.

Applications are reviewed on a rolling basis. For an update on your status, or to confirm your application was submitted successfully, please login to your candidate portal. Please note that Amazon works with a high volume of applicants. We appreciate your patience as we review applications for future Amazonians!

Please include a grade sheet/academic transcript (in English) along with your CV in a single PDF when submitting your application.

## BASIC QUALIFICATIONS

- Currently enrolled in a Bachelor's or Master's Degree in Computer Science, Computer Engineering, or related fields at time of application
- Although no specific programming language is required – you should be familiar with the syntax of languages such as Java, C/C++, or Python
- Knowledge of Computer Science fundamentals such as object-oriented design, algorithm design, data structures, problem solving and complexity analysis

## PREFERRED QUALIFICATIONS

- Previous technical internship(s) if applicable
- Experience with distributed, multi-tiered systems, algorithms, and relational databases
- Experience in optimization mathematics such as linear programming and nonlinear optimization
- Ability to effectively articulate technical challenges and solutions
- Adept at handling ambiguous or undefined problems as well as ability to think abstractly