Key job responsibilities

- Collaborate with experienced cross-disciplinary Amazonians to conceive, design, and bring innovative products and services to market.

- 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.

A day in the life

As an intern, you will be matched to a manager and a mentor. You will have the opportunity to influence the evolution of Amazon technology and 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.

In addition to working on an impactful project, you will have the opportunity to engage with Amazonians for both personal and professional development, expand your network, and participate in activities with other interns throughout your internship. No matter the location of your internship, we give you the tools to own your project and learn in a real-world setting. Many of our technologies overlap, and you would be hard pressed to find a team that is not using Amazon Web Services (AWS), touching the catalogue, or iterating services to better personalize for customers. We make the impossible, possible.

Basic Qualification

- Are enrolled in a Bachelor's degree or above in Computer Science, Computer Engineering, or related fields at time of application

- Knowledge of computer science fundamentals such as object-oriented design, operating systems, algorithms, data structures, and complexity analysis

- Experience with at least one modern language such as Java, Python, C++, or C# including object-oriented design

- Work 40 hours/week minimum and commit to 12 week internship maximum

- Expected graduation date between 10/2025 - 9/2028.

Preferred Qualification

- Knowledge of programming languages such as C/C++, Python, Java or Perl

- Experience with distributed, multi-tiered systems, algorithms, and relational databases