



Server & Tools Business China, Microsoft China Research & Development Group

As one of the core divisions in the Microsoft China Research & Development Group, Server & Tools Business (STB) China is integrated with peer STB product groups in the U.S. and around the world. It is committed to harnessing and fostering talent from across the Asia Pacific region to establish a world-class distributed software development and innovation center. STB China strives to build close connections with local and regional customers and partners to deliver great products that satisfy their explicit and implicit requirements. Contributing to the growth of China IT ecosystem, STB China has fostered a close and tight relationship with leading local universities to guide and inspire technological innovation within the campus. The team has also established strategic partnership with some prominent local software companies to ride the wave of technological advancement.

STB China currently focuses on several development areas, including Access & Security, Business Online Services, Connected Systems, Data Platform, Developer Tools, Management & Services, and Windows Server & Solutions.

Open Intern Positions

Please kindly email your CV to stbcint@microsoft.com.

1. Software Design Engineer (SDE) Intern

Work at the Core of Every Product We Build

This internship is where the fun begins for code gurus like you. As a hands-on Software Design Engineer intern, you'll learn how to make decisions about design and feature implementation, using your mastery of technical tools to help make a product vision a reality. If you would like to write code and design efficient data structures and algorithms to develop next-generation applications or operating systems, listen up. This internship shows you how SDEs bring products to life by working with [Program Managers](#) to ensure strong design and [Software Design Engineers in Test](#) to ensure quality through testing. Ultimately for the SDE, it's your code that turns concepts into new technologies and services.

Qualifications:

- Fluency in C/C++/C# and a passion for writing quality code using computer science fundamentals
- Ability to derive creative and innovative solutions by thinking "outside the box"

- Ability to solve complex problems, sometimes by testing and debugging code
- Expertise in feature definition, design, and feasibility
- Demonstrated skill in estimating development time

2. Software Design Engineer in Test (SDET) Intern

Discover Life on the Last Line of Defense

As an intern Software Design Engineer in Test (SDET), you'll own it, break it, fix it, and own it again. You'll ensure a product's quality by making sure it performs as users expect it to. Part of the fun is how creative you can be devising ways to manipulate, crush, and sabotage software into submission—while creating innovative testing technologies along the way.

Ultimately, as an SDET intern it's your input that can help make the difference between joy and frustration for the customers. Since you're keen on how things work, and making them work better, you'll work hand in hand with the [Program Managers](#) and [Software Design Engineers](#) to design, develop, and maintain automation systems for use in development and testing cycles. Using the tools you create, you'll help pour over source code for trouble spots, debugging and isolating problems, and executing creative tests to find new bugs while regression testing recent fixes.

Qualifications:

- Fluency in C/C++/C#/VB.NET and experience designing and developing tool architecture
- Ability to solve complex problems and write automation systems and device drivers
- Ability to author test plans and cases, conduct security and stress tests, and debug at source level after identifying, investigating, and prioritizing bugs
- Demonstrated skills in negotiation and conflict management
- Demonstrated interest in customer advocacy derived from a holistic understanding of the product from the code level to delivery

3. Program Manager (PM) Intern

Develop the Vision, and Deliver the Goods

As a Program Manager intern, you'll get to help drive the technical vision, design and implementation of next-generation software solutions. You'll transform the product vision into elegant designs that will ultimately turn into products used by Microsoft customers. The PM intern helps manage feature sets throughout the product lifecycle,



and you'll have the chance to see your design through to completion. You'll also work directly with other key team members including [Software Design Engineers](#) and [Software Design Engineers in Test](#). Program Managers are advocates for end-users, so your passion for anticipating customer needs and creating outside-the-box solutions for them will really help you shine in this role.

Qualifications:

- Strong technical prowess, including understanding of algorithms, systems architecture, and end-user experience
- Ability to lead within a product's life cycle using evangelism, empathy, and negotiation to define and deliver results
- Ability to author technical specifications, including envisaged usage cases, customer scenarios, and prioritized requirements lists
- Familiarity with managing complex project schedules, solving complex problems, and nurturing cross-group collaboration