

COMPANY: MICROSOFT

MAJORS: Computer Engineering, Computer Science, Electrical Engineering

TITLE: Software Internships

JOB DESCRIPTION:

Our company was built by people like you—young software developers with a belief in the boundless potential of software. We still share your dreams and inspiration today. Team up with us to create what's next in consumer and enterprise technologies. During your internship, you'll elevate your tech skills working on both real-world products and experimental ones alongside some of the best minds in the industry. Your success will only be limited by your own imagination and motivation.

Whether as a Program Manager driving vision, design and implementation of future software; as a Software Development Engineer transforming a product vision into a reality; or as a Software Development Engineer in Test ensuring that a software's quality exceeds customers' expectations; from day one you'll make an impact on how millions of people around the world use technology.

Some of our Software Development internship positions include:[Soft Break]Software Development Engineer (SDE)[Soft Break]Software Development Engineer in Test (SDET)[Soft Break]Program Manager (PM)

[Soft Break]Please note by applying to this position you will be considered for all Software Development internship positions.

Software Development Engineer (SDE)

Whether you're creating new code, algorithms or data structures, you are the link between abstract concepts and the technology products used daily by your friends, family and millions of other people around the world. Using your mastery of technical tools, you develop next-generation applications and operating systems, making decisions on design and feature implementation.

Software Development Engineers dive deep into code and work as part of a team of programming experts who solve problems and build powerful new tools. You collaborate with Software Development Engineers in Test (SDETs) to ensure stellar product quality, and you provide technical guidance to Program Managers (PMs) as they communicate user needs and product requirements. As a SDE, you dedicate yourself to producing the world's most advanced software.

Qualifications:

- Pursuing a B.S., M.S., or Ph.D. Degree in Engineering, Computer Science or related field
- Excellent programming skills. Experience with object oriented programming languages, preferably C, C++, and/or C#
- Familiarity with data structures and algorithms as well as feature definition, design and feasibility

- Ability to translate technical specifications into working code, and solve complex problems with consideration of the end user experience

Software Development Engineer in Test (SDET)

You have an innate understanding of technology. You always know how a program works, even when others do not. You are passionate about making things faster and more efficient, truly pushing software to its limits.

Software Development Engineers in Test are highly technical and you use your technical prowess to build and maintain automation systems, debug and isolate problems and execute creative tests to make sure our software is ready for prime time. SDETs write lots of code—code to test software features and code to extend our automation infrastructure. You work closely with Software Development Engineers (SDEs) and Program Managers (PMs), each contributing equally to the development life cycle. You enjoy breadth in your job and continually look for ways to integrate systems across business groups and products.

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- Familiarity with data structures and algorithms
- Ability to solve complex problems with customer experience in mind
- Ability to author test plans and cases, conduct security and stress tests and debug at source level after identifying, investigating and prioritizing bugs

Program Manager (PM)

As the in-house advocate for the millions of people worldwide who use Microsoft products, you drive the technical vision, design and implementation of next-generation software solutions. You predict and research how software is used and work closely with Software Development Engineers (SDEs) and Software Development Engineers in Test (SDETs) to ensure our end products exceed those expectations.

You gather customer requirements, write functional specifications and analyze usage cases to represent customers' needs throughout the development process. You'll invest your time in partnering with other

product teams across Microsoft to drive collaborative solutions. If you love negotiating, evangelizing and empathizing on behalf of our customers, the PM role is for you.

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- Ability to solve complex problems with consideration of customer experience
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TITLE: Software Full-time Positions

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TITLE: Hardware Engineering Full-time Positions

JOB DESCRIPTION:

Shape the ways in which people use devices to work, play and connect. We build some of the world's best-selling technical hardware and have a breadth of opportunities in hardware development, design verification and hardware manufacturing. You'll solve complex technical issues, discover patterns and best practices and always push your creativity to the limit. Today we build groundbreaking new products like Kinect for Xbox 360 and we revolutionize popular technologies like the ultra-portable Arc Mouse. What we build in the future will be up to you.

To apply, go here and click "apply now":

<http://careers.microsoft.com/careers/en/us/grad-hardware-jobs.aspx>

Hardware Engineer

Our Hardware jobs represent a variety of disciplines, including Mechanical, Electrical, VLSI, Reliability, Optical and Low-Level Software Engineering. Microsoft's hardware teams are growing! This growth will translate to opportunity and exposure to a wide range of development endeavors from product architecture through implementation, verification and manufacturing. These teams consist of progressive, motivated, diverse, and exceptionally creative people who design and manufacture some of the best-loved entertainment and PC peripheral devices in the world. Leveraging partnerships with

Microsoft Research, Product Planning, Marketing and each other, our teams ship tens of millions of hardware products every year, including the Xbox 360 and related accessories lineup, mice, keyboards, cameras, and Kinect (just to name a few) and incubate advanced technologies, including new PC form factors and input devices, hand-held consumer devices and more.

We look forward to inviting the best and brightest to join us in designing for the future!

Qualifications:

- Pursuing a B.S./M.S. or Ph.D. degree in Electrical Engineering, Mechanical Engineering, Computer Engineering, Material Science/Engineering or related field.
- Demonstrated technical problem-solving skills
- Demonstrated ability to analyze hardware and firmware designs
- Excellent verbal and written communication skills
- Knowledge of embedded programming and C/C++/C# concepts preferred

TITLE: Hardware Engineering Internships

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