**Software Development Engineer**  
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 at Microsoft also have to dive deep into code and work as part of a team of programming experts who solve problems and build powerful new tools for other engineers. They must be highly technical and use their expertise to build and maintain automation systems, debug and isolate problems, and execute creative tests to make sure our software is ready for prime-time.

As a Microsoft engineer you have an innate understanding of technology and the curiosity to always be learning more. You are passionate about making things faster and more efficient, truly pushing yourself and software to its limits. You enjoy breadth in your job and continually look for ways to integrate systems across business groups and products.

**Qualifications:**

* Pursuing a B.S., M.S., or Ph.D. in Computer Engineering, Computer Science, or a related field
* Excellent programming skills; experience with OO 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
* Ability to solve complex problems
* Ability to author test plans such as security and stress tests
* Ability to debug at source level after identifying, investigating, and prioritizing bugs

**Important information:**

Information on Microsoft employee benefits, including complete relocation, US work visa sponsorship, and other perks are available at [www.microsoft.com/university](http://www.microsoft.com/university). Please note we are seeking Full-time & Intern candidates. Candidates will be considered full-time if they are within one year of graduation. Candidates will be considered for internships if they will be returning to their universities for at least one semester following the internship.