Top Schools for Software Engineering

Many college institutions contain curriculum's that focus on the computer science and software engineering. This field educates students on the usage of software engineering for today's technologically advanced society.

Those interested in engineering may want to consider the field of Software Engineering. Professionals in this field are involved with creating and developing software in accordance with a company's specifications. Students need strong problem solving and analytical skills in order to do well in this field. With this background, students can enter industries in defense, aerospace, manufacturing and automotive.

According to the U.S. Bureau of Labor Statistics, *www.bls.gov*, the job outlook for software engineers is expected to be good, growing much faster than the average. Experts have made this prediction because businesses will want to upgrade their current technology so they can stay competitive and efficient. There are specific educational requirements for those who are interested in pursuing a career as a software engineer. Many students enter this field with at least a bachelor's degree in Software Engineering. Those interested in top paying or higher-level management positions may want to consider obtaining a master's degree. This education is available at colleges and universities.

1. Milwaukee School of Engineering in Milwaukee, WI

The Milwaukee School of Engineering is a private university that was founded in 1903 Oscar Werwarth. The school's original name was the School of Engineering of Milwaukee. The school is recognized for its logo, which was designed by industrial engineer Brooks Stevens. The Milwaukee School of Engineering focuses solely on engineering majors such as civil, biomedical, electrical technology and software engineering. The curriculum within the software engineering program teaches students how to utilize software engineering in developing video games, mobile applications and network systems for major organizations. Several undergraduate and graduate degree programs are offered in this field and more. The Milwaukee School of Engineering was ranked #11 on *U.S. News and World Report's* 2011 list for schools with the best engineering degree programs.

2. Michigan Technological University in Houghton, MI

Michigan Technological University is a public university that is located on the Upper Peninsula of Michigan in the city of Houghton. The school was first founded in 1885 and is known for its many research affiliations and enterprise programs. Michigan Tech's computer science department educates students in software programming with a bachelor's degree program. Students work within the school's many computing facilities as they study and practice the development and constant maintenance of software programs. By the end of this degree program, students will have the knowledge needed to operate large scale computer software networks for defense systems and businesses. Master's and doctoral degrees are also provided to students in this area of study as well. In 2011, Michigan Tech was ranked #74 on *U.S. News and World Report's* list for schools with the best undergraduate engineering degree programs.

3. Florida Institute of Technology in Melbourne, FL

The Florida Institute of Technology, also referred to as Florida Tech, is a private technical research university. This school was founded in 1958 under its original name of Brevard Engineering College. The name it currently has was acquired in 1996. The software engineering bachelor's program educates students on the emerging ideas and technologies involved with this field. The ideas of software engineering center on concepts taken from computer science, engineering and mathematical principles. This degree program teaches students how to program all types of computer software that are essential in operating systems network distribution. Florida Tech features a co-op program that provides students with Microsoft-branded products for use in their professional projects. In 2011, Florida Tech was ranked #156 on *U.S. News and World Report's* list for schools with the best undergraduate engineering programs.

10 Schools with Good Software Engineering Programs

School Name	Distinction	Location
Milwaukee School of Engineering	1st accredited software engineering program in the U.S.	1025 N. Broadway Milwaukee, WI 53202
Michigan Technological University	Doctoral degrees offered in computer science	1400 Townsend Drive Houghton, MI 49931
Florida Institute of Technology	Houses F.W. Olin Engineering Complex	150 W. University Boulevard Melbourne, FL 32901
California Polytechnic State University-San Luis Obispo	Teacher certification available	One Grand Ave, San Luis Obispo, California 93407
East Carolina University	**Master's degree offered in software engineering**	**East 5th Street, Greenville, North Carolina 27858**
Michigan Technological University	Also operates as a research university	1400 Townsend Drive, Houghton, Michigan 49931
Naval Postgraduate School	Several degrees available in engineering	1 University Circle, Monterey, California 93943
Oakland University	Opportunities to study abroad available	Rochester Hills, Michigan 48309
Portland State University	Certificates given in software engineering	724 SW Harrison, Portland, Oregon 97201
University of Wisconsin-Platteville	Placement services for students available	1 University Plz, Platteville, Wisconsin 53818