

Computer Science Degree versus a Computer Information Systems Degree

	Computer Science	Computer Information Systems	Sources
MSJC Degree Program	Computer Science for Transfer (A.S.-T)	Programming or Internet Authoring	
Length of Program	4 – 6 years (A.S. + B.S./M.S.)	2 years (A.S.)	
Skills Required	Excel in Math & Engineering	A creative mind	
Est. Cost	\$20 – 80K (120 -150 units) cost per unit varies by college. Stanford, MIT, UCI (recommended)	\$2,760 (60 units) MSJC = \$46/unit	
Median Salary	\$102,000	\$95,510 + many businesses will pay good employees to further their education as needed.	http://www.payscale.com/college-salary-report-2014/majors-that-pay-you-back http://money.usnews.com/careers/best-jobs/rankings/best-technology-jobs
Job Opportunities	Large companies like aerospace, petroleum, medical device mfg., banking	Small, medium, large companies. Almost every company around the world is clamoring for software developers. Especially developers trained in Microsoft technologies: Visual Studio, C#, & ASP.NET	
Employment Rate	Highly saturated	19% employment growth. 135,300 jobs between 2014 and 2024 – much faster than avg. for all occupations.	http://money.usnews.com/careers/best-jobs/rankings/best-technology-jobs
Hiring Criteria	CS degree and 3-5 years' experience. Applicants will usually be administered a computer software problem solving test by employer or asked to spend time coding in an incubator.	MCS D Certification. Applicants will usually be administered a computer software problem solving test by employer.	
Technologies	C++, assembly language, becoming outdated by newer high-level languages like C# & Java	C#, cutting edge and other bleeding edge technologies like Roslyn compiler allows for code to run on any device and any platform (OS).	
What can you build?	Device drivers, operating systems	Mobile Apps, Desktop Apps, Web Apps.	
People who don't have a CS degree	Bill Gates (founder of Microsoft), Steve Jobs & Steve Wozniak (founders of Apple), Mark Zuckerberg (founder of Facebook), Larry Ellison (founder of Oracle)		
Summary	Becoming a computer scientist to create computer applications, is like becoming an astronaut just to be able to drive an automobile.		