

What can I do with a major in...?

Major in Computer Science?

<i>I CAN GO IN TO...</i>	<i>AND POSSIBLY WORK FOR...</i>	<i>DOING THIS CAN HELP ME GET THERE...</i>	<i>SAMPLE COMPANIES</i>	<i>SAMPLE TITLES</i>
CAREER AREA	POTENTIAL EMPLOYERS & INDUSTRIES	CAREER PREPARATION STRATEGIES	SAMPLE LIST FOR THIS MAJOR	SAMPLE LIST FOR THIS MAJOR
Programming/Software Development				
Operating systems Application systems: <ul style="list-style-type: none"> • Scientific • Business • Engineering Maintenance Research & Development	<ul style="list-style-type: none"> • Business: finance, healthcare, hospitality, government, manufacturing • Environmental • Computer system design firms • Software developers • Data processing and management firms 	<p>Sharpen your skills</p> <ul style="list-style-type: none"> • Keep up with current programming languages and certifications. • Be involved in an organization that will help you pay attention to details and learn communication skills <p>Gain experience Seek experience through internships and volunteer experiences.</p> <p>Network Click or tap here to enter text.</p> <p>Pursue a minor Certified Computer Professional</p>	<ul style="list-style-type: none"> • Dell • National Instruments • Nokia • Union Pacific • Sailpoint • Hayes Software Systems • Indeed • BazaarVoice • Accruent • Q2 	<p>Job titles</p> <ul style="list-style-type: none"> • Software Developer • Software Trainer • Back End Engineer • Quality Assurance Technician • Program Analyst <p>Internship titles</p> <ul style="list-style-type: none"> • Software Development Intern • Software Support Intern

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Systems Development				
<ul style="list-style-type: none"> • Planning/Analyzing • Coding • Testing/integration • Project Management • Operations/Maintenance 	<ul style="list-style-type: none"> • Business organizations • Government • Educational Institutions • Manufacturers • Retailers • Healthcare 	<p>Sharpen your skills</p> <ul style="list-style-type: none"> • Strengthen your logic and problem solving skills. • Maintain current knowledge of computer languages. • Develop interpersonal skills for communicating with colleagues and clients, both technical and non-technical skills. <p>Gain experience</p> <ul style="list-style-type: none"> • Obtain internships and part-time employment in the field. • Seek projects on campus related to the skills you want to enhance. <p>Network</p> <ul style="list-style-type: none"> • Do informational interviews to learn how people in these positions spend their days. • Attend professional association meetings where potential hiring managers will be in attendance. <p>Pursue a minor</p> <p>Consider a minor in business to help you advance into other positions that require coding and analyzing experience.</p>	<ul style="list-style-type: none"> • Catapult Systems • Punchh, Inc. 	<p>Job titles</p> <ul style="list-style-type: none"> • Customer Success Analyst • Implementations Analyst • Business Analyst • Project Manager <p>Internship titles</p> <ul style="list-style-type: none"> • Business Analyst Intern • Project Intern

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Network Technology				
<p>Hardware & Software Design Intranet:</p> <ul style="list-style-type: none"> • Development • Installation • Testing • Monitoring • Maintenance • Security • Support 	<p>Most areas of business, government, and for profit-organizations</p>	<p>Sharpen your skills</p> <ul style="list-style-type: none"> • Analytical and problem solving skills are essential for success. • Helping others and strong communication skills are important for these careers. <p>Gain experience</p> <ul style="list-style-type: none"> • Internships, volunteer opportunities involving design and support, working in a university lab, part-time work. • Learn several computer areas such as programming, software and hardware <p>Network Click or tap here to enter text.</p> <p>Pursue a minor Cisco and Microsoft have certifications that can solidify your knowledge.</p>	<ul style="list-style-type: none"> • State Farm • State of Texas • Zenos • PeopleAdmin 	<p>Job titles</p> <ul style="list-style-type: none"> • Network Manager <p>Internship titles</p> <ul style="list-style-type: none"> • Technical Support Intern

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<p>Database Administration</p> <ul style="list-style-type: none"> • Installation • Testing • Maintenance/Support • Archiving/Security • Upgrading • Systems Integration Management 	<p>Most areas of business, government, profit and non-profit organizations.</p>	<p>Sharpen your skills</p> <ul style="list-style-type: none"> • Attention to detail, ability to concentrate for lengthy time frames and logical thinking are important for database roles. • Communication skills to work with technical and non-technical teams is essential. <p>Gain experience Obtain internships, part-time jobs. Look for project opportunities, paid or unpaid.</p> <p>Network Click or tap here to enter text.</p> <p>Pursue a minor Click or tap here to enter text.</p>	<ul style="list-style-type: none"> • Dell • Seton Family of hospitals • Charles Schwab • Visa • City of Austin • LCRA • Whole Foods • IBM 	<p>Job titles</p> <ul style="list-style-type: none"> • Data Architect, • Database analyst • Database programmer • System Administrator • MIS director <p>Internship titles Click or tap here to enter text.</p>

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Education				
<ul style="list-style-type: none"> • Training • College professor • School district teacher 	<ul style="list-style-type: none"> • Local school districts • Colleges • Companies that train personnel in technology 	<p>Sharpen your skills Learn LMS systems, database software, programming languages, and component oriented development software</p> <p>Gain experience</p> <ul style="list-style-type: none"> • Volunteer to teach and tutor students. • Learn about curriculum development, preparing lectures and grading student work <p>Network</p> <ul style="list-style-type: none"> • Join professional organizations of technology teachers • Be a leader on your university campus <p>Pursue a minor Education, Math</p>	<ul style="list-style-type: none"> • Austin Community College • UTexas • Local school districts and private secondary schools. 	<p>Job titles</p> <ul style="list-style-type: none"> • Professor • Lecturer • Teacher • IT instructor • CIS professor <p>Internship titles Click or tap here to enter text.</p>

Selected information on this majors to careers information sheet was adapted from What Can I Do With This Major? produced by the University of Tennessee Center for Career Development.