



MISSISSIPPI STATE UNIVERSITY™ CAREER CENTER

WHAT CAN I DO WITH A MAJOR IN...

Computer Science Engineering

Description of Major

A Bachelor of Science in Computer Science Engineering involves the study of data and data structures and the algorithms to process these structures; of principles of computer architecture — both hardware and software; of problem-solving and design methodologies; of computer-related topics such as numerical analysis, operations research, and artificial intelligence; and of language design, structure, and translation technique. Concentrations include:

- Artificial Intelligence
- Systems
- Human and Visual Computing
- Computational Science
- General

For more information on this major, visit www.cse.msstate.edu, stop by 300 Butler Hall or call 662-325-2756.

Possible Job Titles*

<i>Computer Engineer</i>	<i>Lead Engineer</i>
<i>Software Engineer</i>	<i>Hardware Engineer</i>
<i>Technical Network Engineer</i>	<i>Data Scientist</i>
<i>Developer</i>	
<i>Cloud Architect</i>	

Possible Employers*

<i>Adtran</i>	<i>Google</i>
<i>Amazon</i>	<i>National Security Agency</i>
<i>Bomgar</i>	<i>Naval Oceanographic Office</i>
<i>Clear Orbit</i>	
<i>Dropbox</i>	
<i>Exxon Mobil</i>	
<i>Facebook</i>	

Job Search Websites*

The following links are excellent resources on specific careers such as those listed above:

- **Connections:** <https://msstate-csm.symplicity.com/>
 - **Careershift** - Under "Resources" tab
 - **GoinGlobal** - Under "Resources" tab
- **LinkedIn:** <https://www.linkedin.com>
- **O-net:** <https://www.onetonline.org/>
- **USAJOBS:** <https://www.usajobs.gov/>

Campus Involvement*

The following links are excellent resources on how to get involved on the MSU campus:

- **Bulldog Mentor Program:** <https://bulldognetwork.msstate.edu/v2>
- **Cowbell Connect:** <https://msstate.campuslabs.com/engage/>
- **ACME**

*Note: These lists are not comprehensive.