




MAJOR MAP

Computer Science - Bachelor of Science or Bachelor of Arts

Minor Options: Science, Math, Business System Specialization, Software Engineering Specialization (B.S. only)



URL for Undergrad Catalog - bgsu.edu/catalog.html

CLASS OPTIONS	Freshman	Sophomore	Junior	Senior
GOOD ADVICE	Review your degree requirements in undergraduate catalog at www.bgsu.edu/catalog . Complete CS2010 followed by CS2020 and CS2170.	Complete 3000-level core CS requirements. Start your natural science lab sequence.	Complete 3000-level CS elective requirement. Work on chosen minor or specialization requirements.	Complete 4000-level CS requirements. Complete minimum of 122 credit hours.
RELEVANT EXPERIENCE	Explore work opportunities on campus. 	Visit the BGSU Career Center at www.bgsu.edu/career-center and consider enrolling in the Falcon Internship Guarantee Program. Explore in-demand careers, career pathways, and occupations using http://www.OhioMeansJobs.com	Participate in departmental colloquium. Consider on-campus technical work opportunities; e.g., Agile Software Factory or ITS student developer positions.	Connect with faculty for research opportunities. Consider Supplemental Instructor positions.
USEFUL CONNECTIONS	Join the Association for Computing Machinery Student Chapter (ACM @ BGSU on Facebook) and Women-In-Computing (WIC) (www.bgsu.edu/arts-and-sciences/computer-science/women-in-computing.html), or Students of Information Systems Organizations.	Participate in social events and network with your peers.	Explore leadership roles in student organizations (e.g., ACM, WIC).	Benefit from computer science faculty connections to help you leverage your internship experience toward an advantage in the job market.
GLOBAL VIEWS	Explore Study Abroad programs at www.bgsu.edu/educationabroad .	Complete your foreign language requirement. 	Explore the Marshall Plan Scholarship to study in Salzburg, Austria.	Broaden your perspective by attending multicultural events on campus, such as the International Dinner and the Ohanami Cherry Blossom Festival, and Safe Zone Training.
CAREER PREP	Register for Falcon Internship Guarantee Program. Visit the Career Center Open House.	Attend the Fall and Spring EXPO to meet recruiting companies. Participate in the CS/IT Meet & Greet Event to network with employers recruiting CS/IT majors.	Learn about the requirements for careers that interest you. 	Participate in the Pledge Ceremony for Computing Professionals. If considering graduate school, take appropriate examination. Prepare an exit plan for life after college.

Graduation & Beyond

SOFTWARE/SYSTEM DEVELOPMENT:

- Programming
- Design & Analysis
- Consulting
- Database Administration
- Computer Graphics
- Scientific & Business Applications
- Project Management
- Mobile & Web Development

COMPUTER NETWORK:

- Architecture & Design
- HPC
- Cloud Computing
- System Engineer

SECURITY:

- Network Security
- Software Security
- Cyber Security
- Digital Forensics

Points of Pride

Strong relationships with Marathon, Owens Corning, Progressive, Nationwide, Eaton, American Greeting, and Ernst & Young, offering opportunities for students to gain valuable internship and job experiences at top companies with strong IT and software divisions. Many successful alumni connections, including Shantanu Narayan, CEO of Adobe Systems; "The CS Program prepared me well for my career."

- **Amin Ahmad**,
Software Engineering at Google.

FACULTY SUCCESS



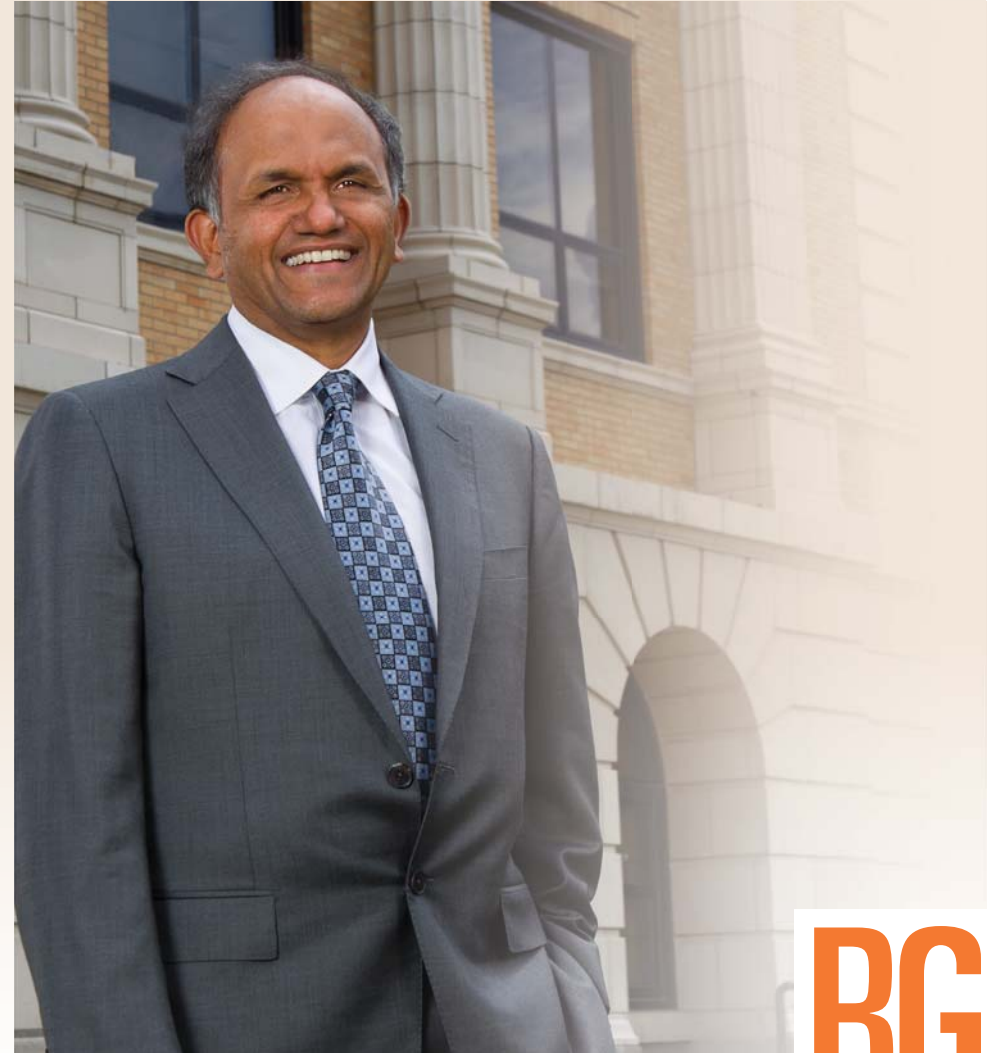
Seshadri Tangutur '87 studied computer science at BGSU. He is apart of the Snapchat leadership team bringing a sound understanding of how technology evolves. In a career that began at BGSU, he continues to change how society communicates. Before joining the engineering leadership team at Snapchat, Tangutur worked at Google's Motorola Mobility, where he was the corporate vice-president of software engineering. He was instrumental in the development of Motorola's industry-leading Android platform software.

He arrived on campus in 1985 after traveling from his native India to Bowling Green. "There was so much change, so much that was different," said Tangutur. But Tangutur said he found a secure environment at BGSU. It was a place with a nice balance of strong academics, college athletics, excellent recreational facilities, and a safe and welcoming setting, which allowed him to quickly adjust to life in America. "My career has centered around computing and communication technologies and how they apply to people, and how we can use these technologies to better our lot," he said.

"There is more than enough education and opportunity to take that Bowling Green degree and go make a huge mark in the world." Tangutur said he also urges BGSU students to learn about change, embrace it and to recognize and accept that change is constant.

Seshadri Tangutur hopes current University students will look at his career path and understand that with the education BGSU provides, the possibilities are limitless.

ALUMNI SUCCESS



Shantanu Narayen '86, '11

President and CEO of Adobe Systems Inc.