Department of Computer Science

*Workforce provider for Silicon Valley*

Ideally located in Silicon Valley, one of the most innovative regions in the world, the Department of Computer Science at San Jose State University offers an ABET accredited undergraduate program and two master's programs. Our programs provide students with strong foundations, and opportunities to master the fundamentals and technical skills in applied research projects and internships. Collaborating with faculty and industry partners, students prepare for jobs in high-tech and biotechnology industry, and for advanced graduate degrees. The Silicon Valley technology companies and organizations currently employ more SJSU graduates from engineering, computer science and business than from any other college or university. Some of our graduates continue to advanced degree programs in Computer Science and Bioinformatics, with many directly entering into a doctoral program. Several of our alumni are holding academic faculty positions.

The department serves over 700 undergraduate and over 150 graduate Computer Science students. We provide opportunities for interdisciplinary studies and research by offering an undergraduate program in Software Engineering (jointly with the Department of Computer Engineering) and a master's program in Bioinformatics (jointly with the Departments of Biological Sciences and Mathematics and Statistics).

**Degrees Offered**
- BS, Computer Science
- MS, Computer Science
- MS, Bioinformatics
- Minor, Computer Science
- Minor, Bioinformatics
- Certificate in Fundamentals of Cybersecurity
- Certificate in Cybersecurity: Core Technologies

“**Few institutions have been as crucial to Silicon Valley's success as San Jose State University, which trains many of the engineers, software designers and tech savvy business people who keep the Valley's technology machine rolling.**”

*San Jose Mercury News*
Careers: Where You’ll Work
Whether you are searching for an internship, ready to enter the professional workforce or looking to take the next step up in your career, you will find motivated recruiters at events like SJSU fairs. Some of the many Silicon Valley companies and organizations that hire our graduates include Adobe, Amazon, Cisco, EBay, Facebook, Genentech, Google, HP, IBM, Oracle, Yahoo! and many others.

Careers: Advanced Graduate Studies
Our students engage in applied research projects, write papers with faculty, and present their work at scientific conferences. Our faculty have expertise in theoretical computer science, big data, machine learning and artificial intelligence, bioinformatics, computer vision, distributed networks and cloud computing, cybersecurity, programming languages, software and web engineering.

Ph.D. Programs of recent graduates:
- Carnegie Melon University
- McGill University
- University of California, Santa Cruz
- University of California, Davis
- University of California, San Francisco
- Ohio State University

"The combination of dedicated and involved instructors, a comprehensive curriculum, and a vibrant student population with connections all over the Bay Area made SJSU CS the perfect program to build the foundations for the rest of my career."

Katherine E. Isaacs, Alumna 2011
Assistant Professor of Computer Science
University of Arizona

About Our College
The College of Science at San José State University is located in Silicon Valley, one of the most innovative regions in the world. The basic research done in the College — nano-materials and big-data astrophysics, fire weather and climate change, biotechnology and applied mathematics, machine learning and geographic information systems — helps to build industries.

Students choose the College of Science to experience our hands-on learning environments, applied research techniques and opportunities to master the scientific fundamentals and technical skills needed to solve real-world problems. Collaborating with faculty and industry partners, students actively prepare for professional science careers. Career-preparedness programs, workshops and seminars are also plentiful as co-curricular and extra-curricular activities.

The College of Science will prepare you for a rewarding career in the professional science field. When Silicon Valley companies search for top talent, they recruit from SJSU.

College Tuition and Expenses
SJSU is one of the most affordable public universities, providing a quality education at a reasonable cost. The university ranks among the 50 best college investments nationwide and third in California in terms of low tuition and high starting salaries. For current financial information, please visit www.sjsu.edu/finances.

Let’s Talk About Your Future
We want to answer your questions and tell you more about the many advantages and opportunities you will experience at the College of Science at SJSU. Visit us online at sjsu.edu/science.

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