



Computer Science Department

Promise for a Successful Career



Specialized Tracks

Computer Security & Forensics

- Introduction to forensic analysis and incident response
- Computer Security
- Network Infrastructure & Security Administration
- Computer System Forensics
- Internetwork Exploits and Anti-hacking
- Firewalls, Intrusion Detection
- Information Security

Data Mining & Bioinformatics

- Functional Mechanisms in Genetics and Molecular Biology
- Database Systems
- Introduction to Bioinformatics
- Advances in Biotechnology
- Data Mining
- Pattern Recognition

Embedded, Wireless, and Mobile Computing

- Mobile Computing
- Wireless Communications
- Ubiquitous Computing
- Mobile Systems Programming
- Embedded Systems Programming

Excellent programs

B.S. and M.S. in Computer Science with various *specialized tracks and* M.S. in Software Engineering

Strong faculty members

that combine strong academic research with diverse industry experiences.

Excellent student and faculty/staff relationships

We keep a two way communication with our students at all times.

Strong relationship with industry through the many Internships opportunities for students and the Industry Advisory Board

Active student organizations

ACM, UPE

Faculty Members

S. Barua, N. Chen, J. Choi, B. Cong, S. Courellis, D. Falconer, A. Holliday, F. Holliday, D. Huizinga, C. Jo, D. Kastner, B. Laguna, D. Michalopoulos, M. Molodowitch, T. Ryu, X. Wang

Contact:

Department of Computer Science
California State University Fullerton
Computer Science Bldg, Rm CS-522
Fullerton, CA 92834-6870

Phone: (714) 278- 3700

Email: csoffice@ecs.fullerton.edu

Web: <http://ecs.fullerton.edu>

Specialized Tracks

Multimedia, Computer Games, and Digital Animation

- Game Design & Creation
- Drawing, Art, and Digital Animation
- Computer Graphics
- 3D Computer Modeling & Animation
- Machine Learning and AI Techniques
- Image Processing
- Physics Simulation (Motion)

Software Engineering

- Project Management
- Process Management
- Security and Legal Issues
- Software Design and Architecture
- Software Testing and Measurement

Web & Internet Technologies

- Introduction to Web development
- Computer/Human Interface
- Web Programming and Data Mgmt
- Database Systems
- Java & C# programming
- Electronic Commerce
- .NET & J2EE applications
- Internet/Distributed Computing