GET READY FOR THE TWENTY-FIRST CENTURY



Majors: B.S. and B.A. Degrees

- Computer and Information Science (CIS)
- Mathematics and Computer Science (MACS)

Minors

- Computer and Information Science (CIS)
- Computer and Information Technology (CIT)



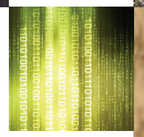
Opportunities

- Research Experiences
- Internships
- Scholarships
- Community Service



Computer Science Specializations

- Networking
- Database and Informatics
- Artificial Intelligence
- Software Development
- Human-Computer Interaction
- Mathematical Foundations
- And more



Interdisciplinary Specializations: Partnerships with the Sciences, Arts, and Business

- Computational Arts: Multimedia
- Computational Science
- Bioinformatics
- Neuroinformatics
- Business Information Technology
- And more













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Computer and Information Science

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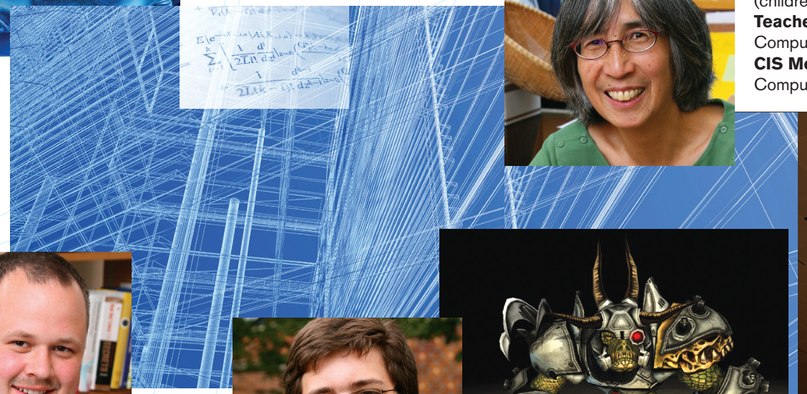
UNIVERSITY OF OREGON

UNIVERSITY OF OREGON COMPUTER AND INFORMATION SCIENCE







Mike Guidero

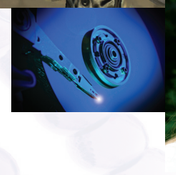
Hometown: Redmond, Oregon
Internship: Symantec Corporation (now a full-time employee)
Campus Organizations: Associate editor of campus conservative newspaper
Favorite Class: Islamic Art
Minor: Geology





Silas Snider

Hometown: San Luis Obispo, California
Educational Background: Home schooled
Community Service: Webmaster for Nontraditional Students Union
Other Major: Linguistics
Collaborative Project: CIS-Lundquist College of Business team project for local nature center





Amanda Hosler

Hometown: Portland, Oregon
Why CIS: Loves math-oriented approach to knowledge
Collaborative Project: Campus solar kiosk
Undergraduate Research: Human Language and Data Mining
Hobbies: Outdoors, camping, hiking

Associate Professor Ginnie Lo

Research: Parallel processing, peer-to-peer computing
Authored: *Mahjong All Day Long* (children's book)
Teaches: Peer-to-Peer Systems, Computer Architecture
CIS Mentoring: Women in Computer Science group

Professor Kent Stevens

Research: DinoMorph™, computational biomechanics and paleontology
Teaches: 3-D Graphics, Introduction to Computer Science
TV Appearances: BBC, National Geographic, Discovery Channel, Oregon Public Broadcasting
Founder: Kailbridge, Inc., products for entertainment and the scientific community

Professor Allen Malony

Research: Parallel computing performance analysis, computational science
Cross-Disciplinary Collaboration: Neuroinformatics
Cofounder: Cerebral Data Systems and ParaTools
Director: Neuroinformatics Center



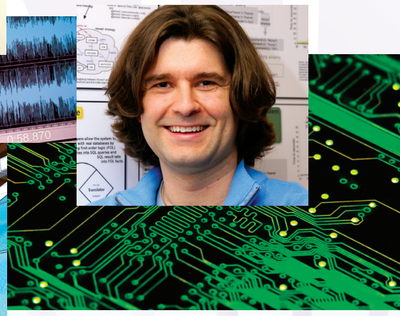


Nazanin Magharei

Home Country: Iran
Undergraduate Degree: Electrical engineering, Sharif University of Technology
Scholarship: Juilfs Award
Graduate Research: Streaming multimedia
Internship: Thomson CR-Princeton Research Lab

Paea LePendu

Home Country: Tahiti
Undergraduate Degree: Mathematics, Whitman College
Scholarship: National Physical Science Consortium
Graduate Research: Applying artificial intelligence (AI) to data modeling



SCIENTIFIC COMPUTING ASSISTIVE TECHNOLOGY CRYPTOGRAPHY BUSINESS TE

ARTIFICIAL INTELLIGENCE HUMAN-COMPUTER INTERACTION GAME DEVELOPMENT DATA MINING PEER-TO-PEER COMPUTING 3-D GRAPHICS

Video game screens provided by local game development companies BuzzMonkey, GarageGames, and Pipeworks.