



## College of Engineering and Sciences: Department of Computer Science

*Advancing knowledge from theoretical foundations to real-world solutions*



### Computer Science Department Graduate Student Opportunities

- The Computer Science department offers Teaching Assistant, Research Assistant, and Grader positions to academically strong students who excel both inside and outside the classroom.
- Center for Innovation through Visualization and Simulation (CIVS) / Computer Science Research Assistant Program
- Other Graduate staff positions are also available on campus.

### Computer Science Research

#### Research Labs

- Advanced Intelligence Software Lab,  
Dr. Wei "David" Dai
- Intelligent Systems & Collaborative Robotics Lab,  
Dr. Sayanti Roy

#### Areas of Research

- Cloud/Edge Computing
- Computer Graphics
- Data Analysis & Data Mining
- Distributed System & Networking
- Human Robot Interaction
- Information Quality
- Machine Learning
- Robust Deep Learning
- Software Engineering
- Wireless Communication

### Degree Programs, Career Paths and Student Activities

#### Degree Programs

##### Bachelor of Science

- Computer Science, BS
- Computer Science, BS, Concentration: Artificial Intelligence

##### Master of Science

- Computer Science, MS
- Computer Science, MS, Concentration: Artificial Intelligence
- Computer Science, MS, Concentration: Data Science
- Computer Science, MS, Concentration: Software Engineering

#### Degree Programs Cont.

##### Combined

- Computer Science, BS/MS

##### Minor

- Computer Science Minor

#### Career Paths

- Software Developer
- Data Scientist/Analyst
- Systems Analyst
- Machine Learning Engineer
- Information Security Manager
- Database Administrator
- Security Analyst
- Full-Stack Developer
- Mobile Developer

#### Over 80 Student Organizations: Computer Science Clubs

- ACM PNW Chapter
- aiRobot
- Computer Science Club
- Competitive Programming
- Women in SWE
- QuantumLeap

#### Multicultural & International Student Groups

- Black Student Union
- Chinese Student Association
- Indian Student Association
- Multicultural Club
- Muslim Student Association