Computer Science

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Computer science, the study of computation, offers students the challenge and excitement of a dynamically evolving science whose discoveries and applications affect every aspect of modern life. Computer science is a rich intellectual field where practitioners apply a computational approach to address a wide variety of interesting and challenging problems. Computer scientists are engaged in research in core areas of theoretical computer science, computer systems design, algorithms, and programming languages, as well as more application-oriented areas such as databases and networking.

Faculty


Jee W. Choi, assistant professor (high-performance computing, scientific computation, data analytics). BS, 2000, PhD, 2015, Georgia Institute of Technology. (2019)


Kathleen Freeman Hennessy, senior instructor; director of undergraduate studies. BS, 1982, Bucknell; PhD, 1993, Oregon. (2011)


Yingjiu (Joe) Li, professor (cyber security and privacy). BS, 1990, Dalian University of Technology; PhD, 2003, George Mason University. (2019)


Thanh H. Nguyen, assistant professor (artificial intelligence, multi-agent systems, machine learning ). BS, 2010, Hanoi University of Science and Technology; PhD, 2016, University of Southern California. (2018)


Humphrey Shi, assistant professor (Computer Vision, Machine Learning, AI Systems & Applications). BS, 2005, Tsinghua University; PhD, 2017, University of Illinois at Urbana-Champaign. (2019)

Joseph Sventek, professor (complex event processing, Internet of Things). BS, 1973, Rochester; PhD, 1979, California, Berkeley. (2014)


Emeriti


Eugene M. Luks, professor emeritus. BS, 1960, City University of New York, City College; PhD, 1966, Massachusetts Institute of Technology. (1983)

Andrzej Proskurowski, professor emeritus. MS, 1967, Warsaw University of Technology; PhD, 1974, Royal Institute of Technology, Stockholm. (1975)

Kent A. Stevens, professor emeritus. BS, 1969, MS, 1971, California, Los Angeles; PhD, 1979, Massachusetts Institute of Technology. (1982)

The date in parentheses at the end of each entry is the first year on the University of Oregon faculty.

**Affiliated Faculty**


**Participating**

Heidi Kaufman, English

Amy K. Lobben, geography

Marc Schlossberg, planning, public policy and management

McKay M. Sohlberg, special education and clinical sciences

Sanjay Srivastava, psychology

Jeffrey Stolet, music

Don M. Tucker, psychology

**Undergraduate Programs**

**Major - Bachelor’s Degree**

- Computer Science (BA/BS) (http://catalog.uoregon.edu/arts-sciences/natural-sciences/computer-sci/ug-computer-science/)
- Cybersecurity (BS) (http://catalog.uoregon.edu/arts-sciences/natural-sciences/computer-sci/ms-computer-science/)
- Mathematics and Computer Science (BA/BS) (http://catalog.uoregon.edu/arts-sciences/natural-sciences/mathematics/ug-math-computer-sci/)

**Minors**

- Computer Information Technology (http://catalog.uoregon.edu/arts-sciences/natural-sciences/computer-sci/min-comp-info-tech/)
- Computer Science (http://catalog.uoregon.edu/arts-sciences/natural-sciences/computer-sci/min-computer-science/)

**Graduate Programs**

**Major - Master’s Degree**

- Computer Science (MS) (http://catalog.uoregon.edu/arts-sciences/natural-sciences/computer-sci/ms-computer-science/)

**Major - Doctoral Degree**

- Computer Science (PhD) (http://catalog.uoregon.edu/arts-sciences/natural-sciences/computer-sci/phd-computer-science/)