Engine

SOFTWARE ENGI

search

About [?]

Undergraduates [?]

Graduates [?]

Research [?]

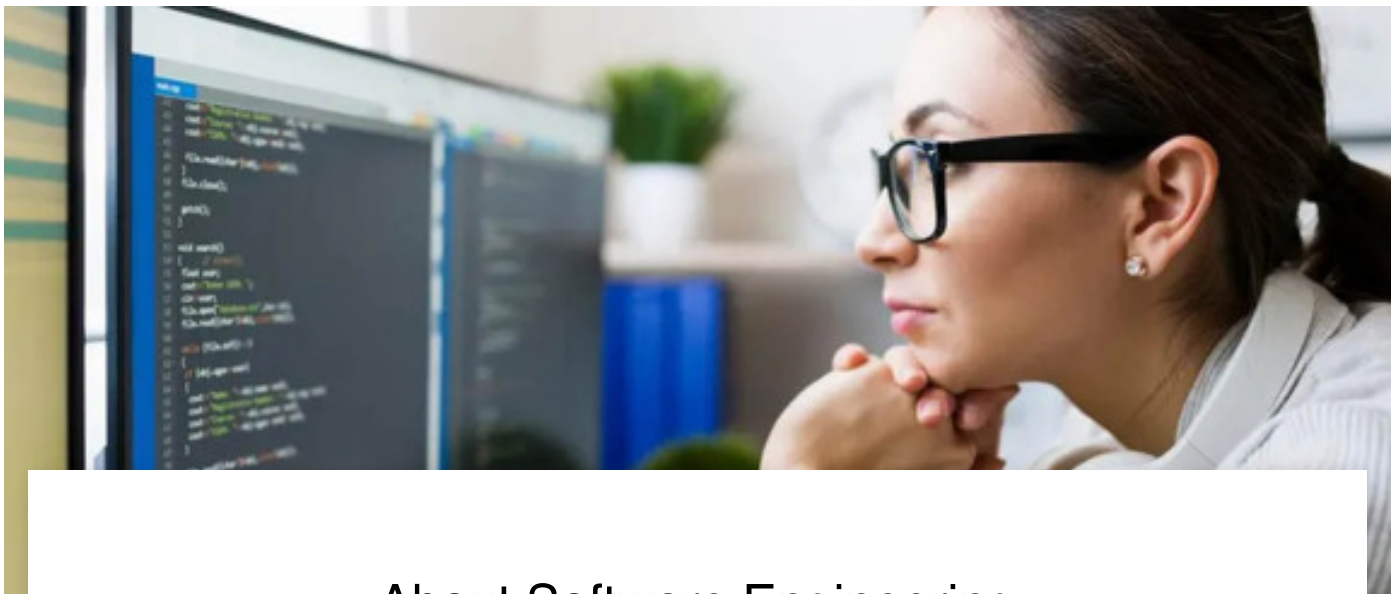**Faculty & Staff** [?]

Alumni [?]

News & Events [?]

Home
Contact Us
Give Today

home [Home](#)

chevron_right About Software Engineering

About Software Engineering

Creating a Pipeline of Well-Prepared Students

Bolstered by intensive design experiences that reflect industry demand, the Software Engineering degrees go far beyond

programming fundamentals and theoretical applications. The University of Arizona's software engineering degrees, administered by the Department of **Systems & Industrial Engineering**, focus on large-scale product and systems development to meet societal needs.

Message from the Program Director

"*The future is very promising for the software engineering discipline and profession. The global market of software* *which can be used in everyday life. Never before have we had the plethora of*

Sharon ONeal, Director of Software Engineering

Established Ties to Industry

Industry has been involved in the software engineering degree program since plans began for its 2021 launch. Top companies and organizations – Raytheon, Hill Air Force Base, Intel, Jet Propulsion Lab, Microsoft, Northrop Grumman Corp., Oakridge National Labs, Sandia National Labs, Snap Inc. and UA Data Science Institute – continue to play key roles as program advisers and student mentors.

They are all involved for much the same reason: to ensure students are well prepared for the workforce. This built-in industry perspective is one big reason courses are highly relevant to modern software engineering practices.

Fast Facts

100 %

students doing design work
(in UA program)

22 %

10-year job growth
(Bureau of Labor Statistics)

1

tech job in the U.S.
(U.S. News @ World Report)

College of Engineering