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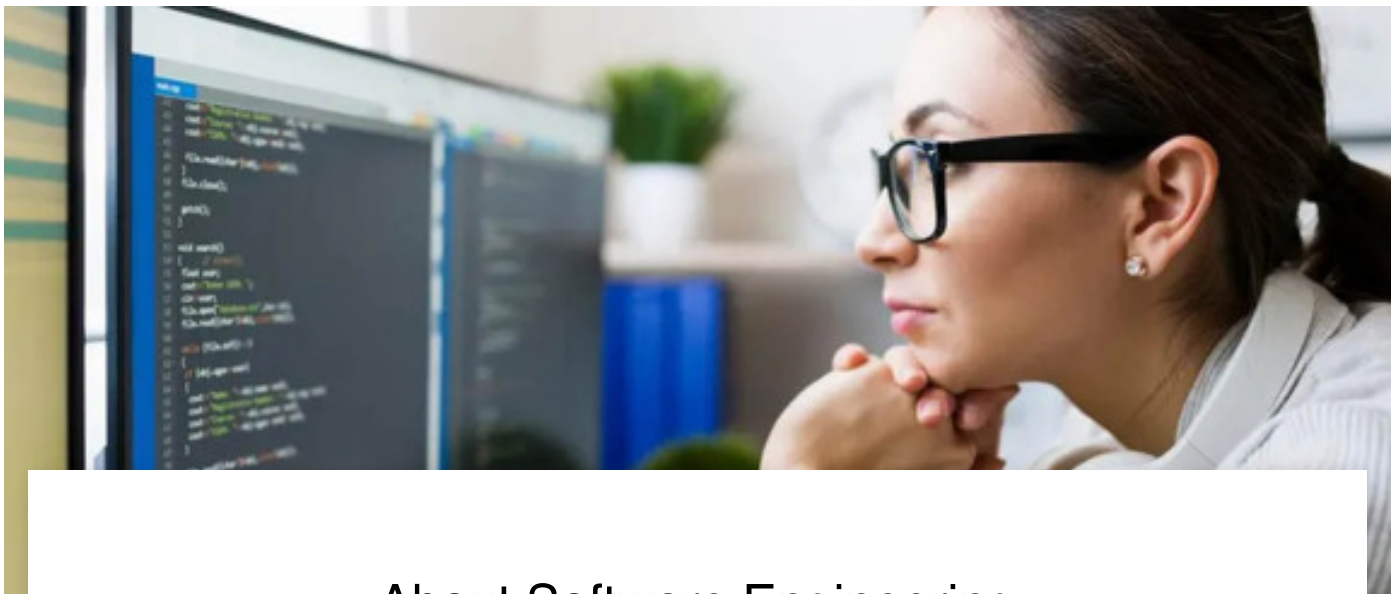
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chevron_right About Software Engineering



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 for software engineers is growing rapidly, and the demand for software engineers is increasing. The software engineering profession is one of the most dynamic and exciting in the world, and it is one that offers a wide range of opportunities for growth and advancement. The software engineering profession is one of the most dynamic and exciting in the world, and it is one that offers a wide range of opportunities for growth and advancement. The software engineering profession is one of the most dynamic and exciting in the world, and it is one that offers a wide range of opportunities for growth and advancement."

Sharon O'Neal, 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

We respectfully acknowledge the University of Arizona is on the land and territories of Indigenous peoples. Today, Arizona is home to 22 federally recognized tribes, with Tucson being home to the O'odham and the Yaqui. Committed to diversity and inclusion, the University strives to build sustainable relationships with sovereign Native Nations and Indigenous communities through education offerings, partnerships, and community service.

[University Information Security and Privacy](#)

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