Computer scientists identify and solve computational problems in all areas of modern life. They use technical skills and computational thinking combined with mathematical concepts, science, problem solving skills and creativity to design and build software, formulate solutions to computing problems and invent new algorithms and better ways of using computers. Computer scientists work in software development companies; telecommunication, manufacturing, transportation, entertainment and e-commerce industries; financial and health care companies; start-up companies, education and government agencies.

FOR MORE INFORMATION, VISIT:

www.engr.uky.edu/explore/computer-science
PURSUING COMPUTER SCIENCE AT UK
As a computer science major, you will be taught by professors who are recognized leaders in their respective fields and are readily available both inside and outside the classroom to discuss course material, emerging topics of research and the computing profession. Our faculty members have expertise in computing foundations, algorithms, networking, systems, data mining, software engineering, artificial intelligence, and machine learning.

CAREER PROSPECTS IN COMPUTER SCIENCE
Because of broad applications, needs and methods, the discipline of computer science offers many attractive, challenging, interesting and socially meaningful careers that appeal to a diverse range of people. A broad range of industries, companies, businesses and agencies employ computer scientists. The Office of Labor Statistics projected that employment of computer and information technology professions will grow 12 percent from 2018 to 2028.

UNDERGRADUATE RESEARCH IN COMPUTER SCIENCE
Multidisciplinary research opportunities with faculty in their labs provide students with additional breadth and depth in computer science theory and practice. Such experience improves a student’s competitiveness for nationwide scholarships and honors; professional computing careers; graduate education and professional school education. We count National Science Foundation Graduate Fellows, Goldwater Scholarship winners and Fulbright program attendees among our recent graduates.

CO-OPS
UK provides numerous opportunities to co-op with companies. Students can co-op during the fall, spring or summer semesters. Those who complete three co-op rotations will receive formal recognition on their transcript and a special cord at graduation. Students work with the Co-op Director and their academic advisor to determine the best timing for their co-op experience.

The University of Kentucky’s computer science program is accredited by the Engineering Accreditation Commission of ABET, www.abet.org.

Revised August 2021. Information subject to change. For the most up-to-date information on the UK College of Engineering, visit www.engr.uky.edu.