# What does a computer engineer do?

Computer engineers build computer-based systems such as those found in cars, planes, appliances, electronics, phones, communication networks, etc. They usually research, design, develop, and test computer systems and components such as processors, circuit boards, memory devices, networks, and routers. You will discover new directions in computer hardware, which generate rapid advances in computer technology. In addition, much of the software in computer-based systems are designed by computer engineers.