

# SCHOOL OF TECHNOLOGY

Bachelor of Science

## SOFTWARE AND MOBILE APPLICATIONS DEVELOPMENT

PROGRAM LENGTH: 36 MONTHS

### Develop cutting-edge software and mobile apps

Why play on your smartphone when you could program it? Why only use software when you could also help build it? The IT world needs you to help create and debug the programs of tomorrow. With the right computer science degree, you could launch a rewarding high-tech career.

### Program objectives

The bachelor's degree program in Software and Mobile Applications Development is engineered to help you gain entry-to-mid-level employment in today's IT job market. As part of your program, you'll gain valuable knowledge and practical skills that employers demand.

### Why choose Independence University?

Independence University provides the degree you need for the life you want—on your terms and on your schedule. Our online learning model allows you the freedom to pursue your degree whenever and wherever it's most convenient for you.

Our degree programs are career-focused, without elective courses that you don't need or want. Complete your bachelor's degree in as few as 36 months!

IU is different from other online schools. We combine the student services and support you'd expect from a traditional, classroom-based university with the flexibility of online delivery, so you can get the ultra-personalized support you need from enrollment to graduation and beyond.

### Skills gained

- Programming languages and technologies
- Database programming
- Web server programming
- Mobile applications development
- Object-oriented programming
- Software security
- Operating systems
- Web page programming
- Entrepreneurship

### Possible careers

- Software developer
- Software engineer
- Mobile app developer
- Computer programmer
- Web developer
- IT entrepreneur



For graduation rates, the median debt of students who completed the programs, and other data, visit [independence.edu/student-information](https://independence.edu/student-information).

Independence University admits students of any race, color, and national or ethnic origin.

# SOFTWARE AND MOBILE APPLICATIONS DEVELOPMENT

PROGRAM LENGTH: 36 MONTHS

Course Name	Credits
Business Computer Fundamentals	5.0
Capstone	5.0
Psychology of Motivation	5.0
Professional Development	5.0
Computer Law	5.0
Introduction to Operating Systems	5.0
Technical Project Management	5.0
Programming Logic and Design	5.0
Web Development Foundations	5.0
Introduction to SQL	5.0
Introduction to C++	5.0
Introduction to C#	5.0
Database Programming	5.0
HTML and Java Script Essential Training	5.0

Course Name	Credits
Software Testing	5.0
Web and Software Security	5.0
Advanced ASP.NET Concepts	5.0
Systems Analysis and Design	5.0
User Interaction Design	5.0
Cloud Scripting	5.0
Mobile Applications Development I	5.0
Mobile Applications Development II	5.0
Database Programming: PHP with MySQL	5.0
Web Project Workflows	5.0
Ruby on Rails	5.0
Object Oriented Programming I	5.0
Object Oriented Programming II	5.0

Course Name	Credits
<b>General education courses:</b>	
Communication and Public Speaking	5.0
Microeconomics	5.0
English Writing Fundamentals	5.0
Advanced Interpersonal Communication	5.0
America History	5.0
College Algebra	5.0
Critical Thinking	5.0
Research Application Methods	5.0
Statistics	5.0
<b>Total minimum number of credits:</b>	<b>180.0</b>