

Computer Science, B.A.

ind.tc/child-development-bs

A top-quality degree leading to cutting-edge careers

Indiana Tech's innovative online bachelor of arts in computer science provides students with extensive knowledge and skills in the key areas required in today's technology careers. During the program, students learn the basics of program development, data structures, operating systems, computer architecture, theory of computation, and network design and computation.

The result: students complete the program prepared to design and create software to meet a wide range of needs, and ready to lead technology related initiatives in industries of every description.

Why Choose Indiana Tech?

- Indiana Tech's engaging classes are designed and led by instructors with years of real-world experience in their field. As a result, you will gain experience in the challenges you will encounter on the job, in every class you take.
- Every student works on software projects that increase in sophistication throughout the computer science program, giving you a portfolio of professional-grade work by the time you graduate.
- Online courses at Indiana Tech provide an ideal combination of flexibility and personal attention for every student. Complete coursework on your schedule, while also taking part in weekly live online sessions with professors and classmates that enhance your course knowledge and provide professional networking opportunities.
- Graduates of Indiana Tech's computer science program work for organizations around the world in diverse careers, including as software engineers, software developers, web developers, database programmers, systems administrators, and more.

CONTACT

Office of Admissions
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Curriculum

Required Core Courses

- CS 1250 - Problem Solving for Programmers
- CS 1300 - Computer Science I
- CS 1350 - Computer Science II
- CS 1500 - Introduction to Server Systems
- CS 2100 - Introduction to Computer Systems
- CS 2500 - Database Systems
- CS 3200 - Operating Systems
- CS 3700 - Object Orientation
- CS 3800 - Data Structures & Algorithms
- CS 4500 - Software Engineering
- CS 4600 - Organization of Programming
- CS 4960 - CS Senior Project
- IS 2100 - Web Development I
- IS 2900 - Web Development II
- MA 1055 - Applied Trigonometry
- MA 1100 - Applied Calculus I
- MA 1110 - Applied Calculus II
- MA 2150 - Linear Algebra
- MA 2410 - Discrete Structures
- NET 1200 - Network Design I
- NET 1250 - Network Design II
- PH 1100 - Fundamentals of Physics
- PH 2100 - Fundamentals of Physics II

Warriors in the Workplace

Indiana Tech graduates with a Computer Science degree have earned jobs at:

- Aptera
- Idemia
- Emerson Commercial and Residential Solutions
- Do it Best Corp.

Internship Opportunities

Internship opportunities Indiana Tech students pursuing a Computer Science degree have interned with:

- American Electric Power
- B.F. Goodrich
- Vera Bradley
- DTE Energy
- Ottenweller Contracting
- Emerson Commercial
- Steel Dynamics