



LAKE FOREST
COLLEGE

COMPUTER SCIENCE

Our computer science program gives students the practical tools they need for advanced study and an increasing variety of careers, including computer programming, web design, and software engineering. Concepts and techniques of mathematics and computer science play a vital role in an ever-increasing number of human activities. Through internships, our students prepare for the ever-changing nature of technology and computer science while providing learning tools to succeed in today's hi-tech world.

POPULAR COURSES:

Principles of Digital Logic
Web Design and Development
Artificial Intelligence
Cryptography
Database Management
Data Structures

SKILLS:

Object-oriented programming in a variety of languages
Create and manage a database
Web applications design
Linux server fundamentals
Collaborative software development
Image Processing
Machine Learning

PROFESSORS:

- Sugata Banerji researches image processing, computer vision, pattern recognition, machine learning, and artificial intelligence.
- Robert Holliday teaches Object-Oriented Programming, Algorithms, and Compiler Design.
- Craig Knuckles specializes in database-driven web applications, software engineering, and server administration.

FACILITIES:

Our students learn programming in teaching labs featuring both Macintosh and Windows environments. Digital Logic students practice their circuit-building skills in our Electronics Laboratory



ELIKEM KUIVI '16

Areas of study: Computer science and mathematics
Current Job: Mobile app developer



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INTERNSHIPS AND PRACTICA: AT&T • Chicago Scene • JPV Financial • 3PlusLearning • eRoom Securities • Digital Voice Systems, Inc. • Motorola Solutions • National Institutes of Health • Pro Sports Experience • City of Lake Forest – IT Department • Platinum Design and Development • Hyatt

CHICAGO offers excellent internship and career opportunities for computer science majors.

Our computer science majors pursue many career paths:

WEB DEVELOPER

APPLICATIONS PROGRAMMER

SOFTWARE ENGINEER

DATABASE MANAGER

SYSTEMS ADMINISTRATION

IT CONSULTANT

IMPLEMENTATION SPECIALIST

SECURITY ANALYST

Combine computer science with another area of study for a variety of careers:

Second Major or Minor:

LEGAL STUDIES

DIGITAL MEDIA DESIGN

ECONOMICS

MATH

FINANCE

BIOLOGY

Career:

TEACHER

WEB CONTENT SPECIALIST

CORPORATE ACCOUNT MANAGER

PRODUCTION MANAGER

ADVERTISING EXECUTIVE

BIOINFORMATICS



Learn about our accomplished faculty, requirements for the major, and more at

lakeforest.edu/academics/computer