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.
- 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
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