



Not long ago, having computational power in your pocket was science fiction. And now, our paradigm is on the verge of shifting as we explore alternative systems such as quantum computing. You're part of the generation that will change everything. Whether you're a software engineer, systems engineer, web designer, or developer, every business sector in the world will need people like you. At Loyno, we'll give you the tools you need to speak that language, to be an architect and innovator, so that you can plan, create, deploy, analyze, and improve the systems on which the world runs—and make a career out of blowing our minds.

This is the place.

In the last decade, New Orleans has become a hub for entrepreneurs in all sectors. The Bureau of Labor Statistics estimates that by the year 2020, 50 percent of all new computer and mathematical jobs will be in the field of computer systems design. Demand for these professionals in New Orleans is rising, with opportunities for tech growth in politics, music, government, nonprofits, industry, tourism, education, and more.

Our program is intentionally career-oriented rather than theoretical—that's what makes it different from other computer programs. We will not only give you a solid foundation in computers but also an understanding of how they integrate with business. Additionally, all of our students graduate with internship or practicum experience from real clients on real accounts, so by the time you're looking for a job—you'll have already had one.

Courses

In addition to completing an internship for practical experience, our program's curriculum links core courses from computer science and management science for a solid foundation in information systems. Here's a sample of what you can expect to learn and do:

Information Systems Theory & Practice

This course provides an understanding of information systems and outlines the concepts of how I.S. can provide a competitive advantage. Different systems are presented. Design and implementation are discussed. Effect on business and society is studied.

Introduction to Programming I

This course is an introduction to concepts and terminology in computer programming, including interface builders and problem-solving techniques in various programming environments. Emphasis is placed on the basics of software design and on elementary applications to mathematics and other disciplines.

Introduction to Relational Databases

This course introduces the concepts and terminology of databases. The concepts discussed during the lectures are illustrated by a number of hands-on exercises based on the Access 2000 database software.

Computer Organization

This course introduces the topics of digital logic, digital systems, machine-level representation of data, assembly-level machine organization, memory system organization, I/O, and communication.