Faculty

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AVILA UNIVERSITY
Opening Doors
11901 Wornall Road
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www.avila.edu/computerscience
www.avila.edu/softwareengineering
The Avila University Computer Science program provides a unique blend of opportunities to students:

- Rigorous academic coursework
- Real-life, practical experience
- Industry recognized certification

The Avila Computer Science program is also a good foundation for graduate study leading to masters and doctorate degrees.

The Avila Computer Science program includes:

- Preparation to be a problem solver in computer related professions
- The opportunity to diversify in another area such as Biology, Business and Music
- Real-life experience through our internship requirement
- In-depth study in several programming languages such as Python, C#, Java and Visual Basic
- The opportunity to explore introductory game programming and robotics

Undecided on which to choose?

You don’t have to make a quick decision. Both majors follow a main core of courses, including Intro to CSI and CSII, Data Structures, Intro to Computer Careers, Assembly Language and Pre-calculus. You can take up to 2 years before committing to one of the majors.

The Avila University Software Engineering program prepares students to work on design, implementation and support of major software systems.

The Software Engineering curriculum is designed to prepare students to be software engineers, software developers and application developers. This curriculum is carefully chosen and includes web page design and programming in C# and Java.

Students will have extensive experience working in teams on projects in Systems Analysis and Design.

All students will complete an internship involving work in programming and software engineering.

Additionally, software engineering students will gain a breadth of knowledge in networking, operating systems and databases.