Do you have an aptitude for computing and design? Are you curious about how different media work and how they evolve? Are you ready to be a part of the digital revolution?

Earn Your Bachelor of Science in Computational Media
A joint degree from the College of Computing and the School of Literature, Media, and Communication

Curriculum
- Game Design and Research
- Artificial Intelligence for Games
- Graphics

Areas of Study in CM
- Multimedia Design
- Web Design
- Visual Design
- User Interface Design
- Experimental Digital Art
- Narrative in New Media
- Interactive Narrative
- Intelligent Story Systems
- Digital Animation
- Film and Television Production
- Story Design

The BS in Computational Media (CM) offers a thorough education in all aspects of the computer as a medium: the technical, the historical-critical, and the applied. Program graduates have significant hands-on and theoretical knowledge of computing and an understanding of visual design and the history of media.

In addition to satisfying Georgia Tech’s core requirements, all CM majors complete 31-40 hours of Computer Science classes and 33 hours of Literature, Media, and Communication classes. Courses within the major concentrate on computation, design, media studies, and the humanities.

From Google to Adult Swim and everything in between, CM students gain professional experience through internships and co-ops, and later through full time jobs which employ their versatility in both the technical and creative realms.

CM students may choose to participate in any of Georgia Tech’s summer study abroad programs, but the most popular destination is Barcelona, Spain, where students can take CS courses in a city known for architectural design.

CM majors may also participate in the Copenhagen Program—LMC’s newest exchange program with the IT University of Copenhagen. Based in Denmark’s dynamic capital, this exchange program exposes students to a variety of classes in digital media and design in a semester-long or year-long stay. All courses are taught in English, and many satisfy the requirements of the LMC and CS threads.

Study Abroad
- Copenhagen
- Barcelona

What Our Students / Alumni Say

“...I visited Georgia Tech that I found myself really impressed with the opportunity that Ivan Allen College offers me. After only one year of attending Georgia Tech, I have had my name on four indie video games, made over ten short films, and programmed some of my own video games and projects.”

Kartik Kini

“Computational Media taught me both how to engage an audience and how to develop my ideas into working products. The unique combination of design and programming made me stand out in the technology industry, where most people only do one or the other.”

Alissa Hartenbaum

“Being a student at Georgia Tech and studying CM has opened up opportunities that I never dreamed I could try. As a CM major, you are not limited to certain fields or jobs; instead you have a wide set of skills that you can apply to many fields. Deciding to become a CM major has been the best decision, and every time someone asks me ‘What is Computational Media?’ I am always proud to share my experiences in CM.”

Kevin Guebert
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Companies

Microsoft IBM Google
Mail Chimp Electronic Arts Sapient Nitro
Adult Swim General Motors Boeing
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“When I told my friends and family what I wanted to do with my life, filmmaking and video game development, everyone told me to look for schools in California and New York, and it wasn’t until I visited Georgia Tech that I found myself really impressed with the opportunity that Ivan Allen College offers me. After only one year of attending Georgia Tech, I have had my name on four indie video games, made over ten short films, and programmed some of my own video games and projects.”

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