Driving the Future of Information, Design and Computing

Rhodos Fellows Living and Learning Community
Transforming the Digitally-Driven Future

Digital technology touches nearly all aspects of our lives. Whether nanotechnology, virtual health apps or countless other technologies, the ability to collaborate across a variety of digital technologies is critical to understanding, shaping and driving the future of industries—from gaming, retail and aerospace to any product or service using virtual, 3-D or mobile technology.

As a Rhodos Fellow, you’ll be positioned to lead these transformations by becoming part of an interdisciplinary living and learning community that brings together creative designers, data scientists, communicators and engineers. This community puts you among the next generation of dynamic problem-solvers at one of the world’s top patent-producing institutions.

LEADING THE WAY

Many Fortune 500 companies, like IBM, Google, Coca Cola and American Express, embrace the collaboration of information, design and computing to reach greater productivity, develop innovative solutions and transform their business culture.

With the guidance of Rhodos Fellow Faculty Principal, Dr. Simon Tarr, you’ll learn how to use this interdisciplinary focus and leverage the community’s collective brainpower in new and exciting ways. You’ll also be exposed to industry opportunities that provide unique insight into globally integrated workforces.

REWRITING THE CODE

Your learning as a Rhodos Fellow will extend far beyond the classroom. The program’s faculty are active in the industry across multiple disciplines. They organize and conduct research projects, community service programs and leadership events specifically designed around digital technologies and connect you with local firms for internships, co-ops and future employment opportunities. Plus, you can participate in study abroad trips focusing on your area of interest.

RHODOS FELLOWS MAJORS

Advertising
Art Studio
Broadcast Journalism
Computer Engineering
Computer Information Systems
Computer Science
Geography
Information Science
Integrated Information Technology
Journalism
Mass Communications
Marketing
Management Science
Mathematics
Media Arts
Music Performance
Public Relations
Statistics
Visual Communications
Niño Tria  
**VISUAL COMMUNICATIONS**  
2018

CreateAthon@USC pairs a diverse group of majors with nonprofits to create comprehensive marketing campaigns. For Niño Tria, it was a way to pair his interest in visual communications with the research data he used to develop his designs.

“CreateAthon@USC showed me how important it is to work with students who have a diverse set of skills. It also made me realize how much you can accomplish in 24 hours for deserving clients.”

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Herman Phillips  
**FILM AND MEDIA STUDIES**  
2018

The Ward One project gave a team of students — from engineering to media arts — the opportunity to build the ultimate storytelling app. For Herman Phillips, it was a chance to take his multimedia expertise and bring it all to life.

“I think the Ward One class gave me a glimpse into the value of working with students who have talents in areas other than mine and who bring ideas to the table I probably wouldn’t have considered. Our project needed both the creative and technical elements to work together in order to create the best possible version.”

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Noemi Glaeser  
**COMPUTER SCIENCE AND MATHEMATICS**  
2019

The ability to gain hands-on experience in collaboration with a professor is just one benefit of research. For Noemi Glaeser, it became an opportunity to see how her work could directly affect real-world challenges. Using her research on temperature and humidity, Noemi is busy developing mathematical models that use environmental data to help farmers safeguard their crops from toxins.

“I chose a double major in mathematics and computer science because I love problem solving and abstract thinking. My favorite class so far is Cryptography, which I took my freshman year. It was one of the most challenging classes I’ve taken, but I felt such a great sense of achievement once I began to develop a better understanding of the subject.”

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Experiential Learning Opportunities

As a Rhodos Fellow, you'll gain valuable insight into an array of industries through our specialized partnerships, programs and internships.

**SIEMENS AND USC’S DIGITAL FACTORY INNOVATION LAB**

As an engineering student, you’ll have access to the same PLM software used by more than 140,000 companies throughout the global manufacturing industry to design, develop and manufacture some of the world’s most sophisticated products in a variety of industries. These include aerospace, automotive, medical devices, machinery, shipbuilding, high-tech electronics and many others.

**CENTER FOR DIGITAL HUMANITIES**

Digital humanities is the future of our cultural heritage. Through our partnership with the Center for Digital Humanities, you can work alongside fellow students to develop technology that helps to access, research and archive the records of our past.

**IBM CENTER FOR APPLIED INNOVATION AND ADVANCED ANALYTICS**

Understanding human behavior through social media is big business. You’ll benefit from a partnership Carolina has with IBM to help students learn to better analyze social media data related to the university, with the goal of improving the college student experience.

**THE CAROLINA AGENCY**

Gain valuable client-based experiences by delivering innovative marketing and branding solutions. The Carolina Agency is an award-winning, student-run agency in the School of Journalism and Mass Communications and is one of 37 agencies nationally affiliated with the Public Relations Student Society of America.

**CENTER FOR MARKETING SOLUTIONS**

Uncovering a company’s growth potential in today’s competitive landscape is no easy task, but it’s a goal our students and faculty strive to exceed. Join one of our teams of students and faculty to partner with major corporations like ESPN, Sonoco, Crayola and FedEx to uncover new analytical techniques for solving business issues and create new ways for organizing and sharing results.

**CENTER FOR DATA ANALYTICS**

Business success in today’s culture demands constant innovation and creativity, coupled with expertise in data resources. Acquire leading-edge business analysis skills and the insight to solve business problems and predict future threats and opportunities.

**COLLEGE OF ENGINEERING AND COMPUTING CAPSTONE DESIGN PROGRAM**

Partner with an industry sponsor to solve real-world engineering challenges by designing and producing a testable, working prototype. This is a great opportunity to increase visibility in your field, while immersed in the latest engineering techniques and platforms.

**ASSISTIVE ROBOTICS AND TECHNOLOGY LAB (ART LAB)**

The ART Lab uses a multidisciplinary approach to conduct innovative, cutting-edge research on assistive technology to improve the quality of life for older adults, children and at-need populations. Join collaborators from computer science, engineering, psychology and public health who seek to improve the usability and design of assistive devices, including robotics and smart-home technology.

*(Participation in these programs is contingent upon your major.)*
Service Clubs and Societies

Women in Computing
Information Student Association
Cybersecurity Club
We Make Manga Club
Visual Illustration Club
Carolina Gamers Club
American Marketing Association
Association of IT Professionals
Minorities in Computing
American Institute of Graphic Arts

How to Apply

Admission into Rhodos Fellows is selective to ensure the most focused and dedicated students are participating. To be considered, you must complete the Rhodos Fellows Supplemental Application when you apply for University Housing. Note that applying for University Housing is contingent upon being admitted as a fall freshman student. You must first pay your nonrefundable $200 enrollment deposit before you can access the housing application.

Residence for Rhodos Fellows

Rhodos Fellows will be housed in South Quad, which includes a collaborative incubation area for students.

For more information, visit

sc.edu/admissions/rhodos

Apply to be a Rhodos Fellow by May 1.