



*Seidenberg School of Computer Science and Information Systems*

## The Seidenberg Pace Path

Students of the Seidenberg School engage in a four-year/120 credit journey of academic development and professional training that produces the 'Thinking Professionals' for which Pace University is justly renowned. Computer Science and Information Technology are 'problem solving' disciplines that combine the essence of STEM areas of study with analytical and creative skills that are an excellent foundation for careers in any field or for graduate school.

### Personal and Professional Development:

- **Coaching**
- **On-Campus Work**
- **Undergraduate research**
- **Internships**
- **International experience**
- **Community Service**
- **Mentoring**

Seidenberg students have a unique opportunity to follow an enriching path as they navigate their way through their academic careers at Pace University.

The following is an example of how we accomplish this.

A Freshman student arrives at Seidenberg with a full roster of classes. She joins one of our clubs, such as Pace Computing Society (PCS) and works part time as a student aide, becoming part of our thriving Seidenberg community. During the summer break, she works as a mentor at our high school summer camps, gaining valuable leadership and mentoring experience.

In Sophomore year, again alongside a busy schedule of classes, our student is promoted to an undergraduate research assistant to a faculty member. In the Spring semester, she uses her collected

experience to secure an internship with IBM, which stretches into the summer. This builds her professional network and provides impressive work experience.

Returning for her Junior year, our student is promoted again to work in a higher capacity with a faculty member. She gains the opportunity to work on a Global Design Factory Network international exchange program in Finland, which broadens her knowledge of the international tech industry and shapes an amazing college memory she will always cherish.

Finally, now in Senior year, our student interns for 20 hour per week at a cool tech startup. She is mentoring female undergraduate students and has plenty to discuss at job interviews. She will leave Pace with a wealth of knowledge and experience, prepared for a professional career in the field of her choice, and armed with a packed resume and evidence to prove her skills.

<b>Mentoring</b>	<b>Coaching</b>	<b>Industry exposure</b>	<b>Interdisciplinary Activities</b>	<b>Service</b>	<b>International Experiences</b>
Actively engage in UNV 101 via full participation	Develop your personal tech skills	Shadow tech industry workers and learn about their jobs	Learn to work in diverse teams made up of people with various backgrounds	Tutor high school students	Work in distributed teams with students around the world
Meet with tech Mentors-in-Residence	Improve your soft skills (personality traits, social interaction, personal habits, leadership and management, etc.)	Attend on-campus speakers series including 'Pace Path Live'	Learn to translate between engineers and artists	Work with high school STEM and coding programs	Study abroad
Adopt informal Junior/Senior student mentors	Advance life skills in personal finance, health, and well-being	Compete in hackathons and programming contests	Explore where your unique interests align with the discipline of computer science	Service Learning Course	Participate in Global Design Factory Network program in Helsinki,

					Finland
Receive guidance from a Pace Alumni Mentor	Stress and time management coaching	Visit companies and tour their offices	Explore the intersection between art and technology	Understand the causes of the 'Digital Divide'	Understand the global computing paradigm including distributed teams and outsourcing
Prepare for day to day professional life	Actively engage with career services in interview and resume workshops	Attend corporate software training seminars	Develop software like mobile apps and games that meet a need in diverse markets	Mentor lower division students	Learn to negotiate differences in culture and time zones