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BSc (HONS) SOFTWARE ENGINEERING

On behalf of the Undergraduate Team within the School of Technology and Maritime Industries, we are delighted to welcome you to Southampton Solent University as you begin your journey into the exciting world of Computer Science.

We are thrilled to have you join our vibrant academic community and are committed to supporting you throughout this important stage of your academic and professional development. This letter outlines essential course information to help you arrive fully prepared and confident as you begin your studies.

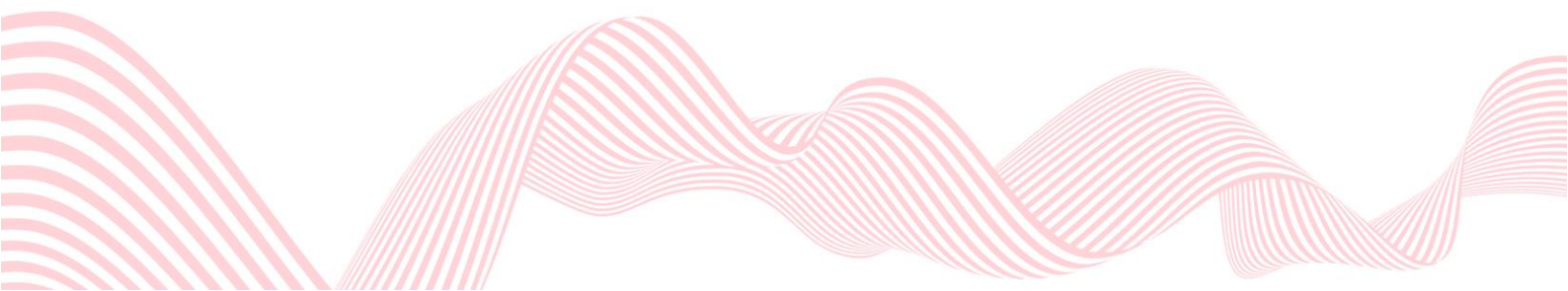
We understand that starting a degree can feel both exciting and overwhelming. That's why our dedicated staff are here to ensure your experience is smooth, engaging, and inspiring from day one. Your journey begins with our comprehensive Induction Week, starting on **Monday 21st January 2026**, during which you will take part in a series of activities designed to familiarise you with the course, your lecturers, and your peers.

Throughout Welcome Week, you will take part in dynamic sessions tailored specifically to Software Engineering. From interactive course talks to hands-on activities, our aim is to immerse you in the core areas of computing and software development. You will explore how to design, develop, and maintain software applications that deliver innovative solutions and enhance user experiences. You will also be introduced to software testing & security, artificial intelligence, computer fundamentals with programming, networks and security, web development, database fundamentals, and DevOps. In addition, you will work on Industrial Live Briefs, collaborating in teams to provide real-world solutions to real-world problems while engaging with industry experts from the outset.

Across the week, you will explore real-world applications, industry-relevant tools and frameworks, and collaborative problem-solving tasks that reflect the demands of today's digital industries. This is also a great opportunity to connect with fellow students, ask questions, and set goals for your academic and career development.

Discover the BSc Software Engineering Experience at Solent University

Our BSc (Hons) Software Engineering programme is designed to equip you with the technical expertise, analytical thinking, and practical skills required to thrive in today's fast-paced technology landscape. Here's what you can look forward to:



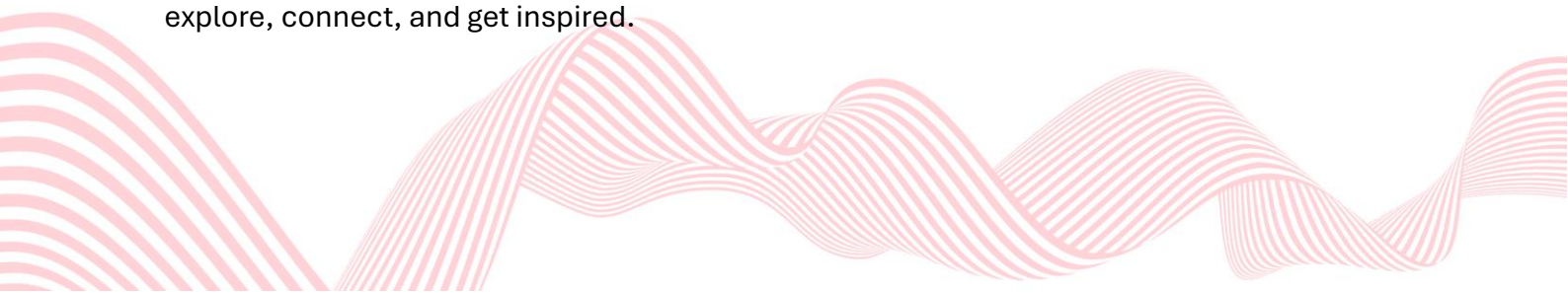


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- **Industry-Relevant Curriculum:** You will explore key areas including programming fundamentals, data structures and algorithms, databases, computer architecture; operating systems, web and mobile application development, software development and software testing, object-oriented design and development, machine learning, data science, artificial intelligence, DevOps. In later years, you will also undertake a substantial final-year project, allowing you to explore a topic of personal or industry relevance in depth.
- **Practical, Hands-On Learning:** From day one, you will work on real-world projects that reflect current industry demands. Expect coding challenges, software development sprints, collaborative labs, and exposure to professional tools such as GitHub, cloud platforms, and integrated development environments.
- **Career-Focused Outcomes:** This programme prepares you not only to write code, but to design, build, and manage scalable, secure, and user-centred applications. You will gain transferable skills to succeed in roles such as software developer, full stack developer, Frontend Engineer, Backend Engineer, DevOps Engineer, Site Reliability Engineer (SRE), Software Tester/QA Automation Engineer, Mobile Application Developer, AI Software Engineer, Machine Learning Engineer, Data Engineer, Cybersecurity Software Engineer, Cloud Native Application Developer, Platform Engineer, Automated Engineer, Robotic Software Engineer and Project Manager.
- **Supportive Learning Environment:** Our department and support teams are here to guide you throughout your studies. You will receive personalised academic support, including a dedicated personal tutor to help you with academic challenges, career mentoring, and access to extensive learning resources to ensure your success.
- **Diverse and Inclusive Community:** With students from a wide range of backgrounds, Solent University is proud of its multicultural and inclusive environment. This global perspective enhances classroom discussions and prepares you to collaborate in diverse, international teams.

Get Ready to Begin

We encourage you to make the most of Welcome Week as your participation is an essential part of the course and sets the tone for your undergraduate journey. It's your chance to explore, connect, and get inspired.





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Should you have any questions or concerns before the semester begins, please don't hesitate to reach out to us via email. We are here to help and look forward to meeting you in January.

Best wishes,

Dr. Taiwo Ayodele

Course Leader

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