



East Park Terrace
Southampton
SO14 0YN
UK
Tel: +44(0)23 8201 3000
www.solent.ac.uk

MSc SOFTWARE ENGINEERING

Dear Student,

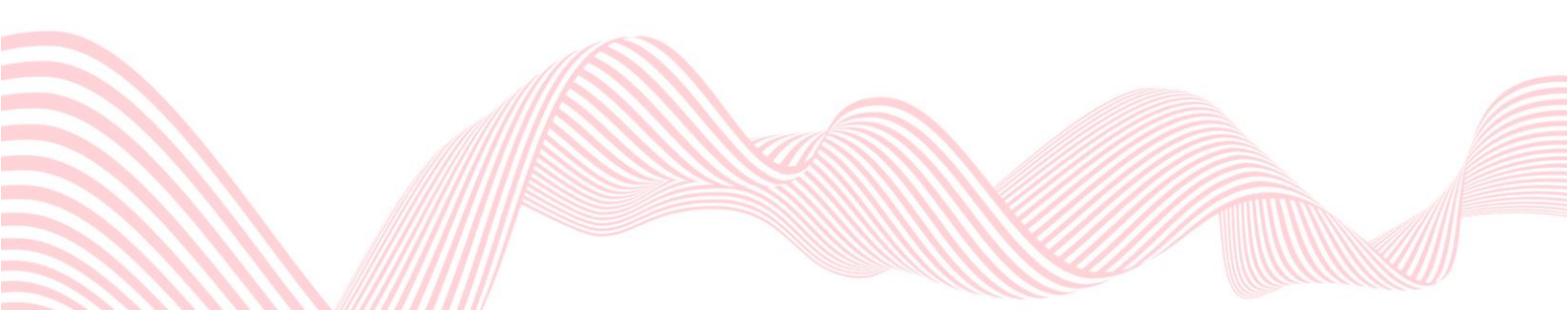
On behalf of the Postgraduate Team within the School of Technology and Maritime Industries, we are delighted to welcome you to Southampton Solent University as you begin your journey into the exciting world of MSc Software Engineering.

We are thrilled to have you join our vibrant academic community and are committed to supporting you throughout this transformative 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 postgraduate 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, 21 September**. Throughout the week, you will take part in a series of activities designed to familiarise you with the course, your lecturers, and your peers. Please be ready to attend your **first welcome session at 10:00 AM on Thursday, 24 September**. Your full timetable has been sent to you, so please take a moment to review it in advance.

Welcome Week: What to Expect

Throughout Welcome Week, you will engage in dynamic sessions tailored specifically to MSc Software Engineering. From interactive course talks to hands-on activities, we aim to immerse you in the core areas of software development and engineering practice from the outset. You will explore real-world use cases, industry-relevant tools and frameworks, and team-based problem-solving tasks that reflect the collaborative nature of modern software engineering. This is also an excellent opportunity to connect with fellow students, ask questions, and set goals for your academic and professional growth.





East Park Terrace
Southampton
SO14 0YN
UK
Tel: +44(0)23 8201 3000
www.solent.ac.uk

Discover the MSc Software Engineering Experience at Solent University

Our MSc Software Engineering programme is designed to equip you with the advanced technical expertise, engineering mindset, and practical problem solving skills needed to excel in today's rapidly evolving software development landscape. The course is structured to support students from a wide range of academic backgrounds, including those with little or no previous experience in computing. Here is what you can look forward to as you begin your postgraduate journey:

- **Industry Relevant Curriculum:** You will explore key areas including software architecture and design, emerging technologies in software engineering, software project management, computer fundamentals and problem solving, web and mobile application development, and modern software engineering practices. You will also complete a substantial dissertation project that allows you to investigate 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. You will take part in coding challenges, software lifecycle simulations, collaborative sprints, and activities that introduce you to version control, software development tools, and professional engineering environments. All sessions are designed to support learners who are new to programming and software development.
- **Career Focused Outcomes:** This programme prepares you not only to write code, but to understand how software systems are designed, built, tested, and maintained. You will gain transferable skills suited to roles such as **Software Engineer, Systems Analyst, DevOps Engineer, AI Software Engineer, Technical Consultant**, and other software focused positions. The course provides a clear pathway into the technology sector for graduates from non computing backgrounds.
 - You will also be well prepared for emerging and in demand roles such as:
 - **Cloud Engineer:** Working with platforms such as AWS, Azure, and Google Cloud to build and maintain cloud based systems.
 - **Platform Engineer:** Designing internal developer platforms and improving software delivery pipelines.



East Park Terrace
Southampton
SO14 0YN
UK
Tel: +44(0)23 8201 3000
www.solent.ac.uk

- **Data Engineer:** Building data pipelines and supporting analytics and AI systems.
 - **Automation Engineer:** Creating automated solutions for testing, deployment, and system operations.
 - **Machine Learning Engineer:** Developing intelligent systems and integrating machine learning models into applications.
 - **Cloud Native Application Developer:** Building applications using containers, microservices, and orchestration tools.
 - **Quality Assurance Engineer:** Ensuring software reliability through automated testing and continuous quality processes.
 - **Robotics Software Engineer:** Developing software for autonomous systems and intelligent robotics.
 - **Cybersecurity Software Engineer:** Building secure applications and contributing to defensive security engineering.
- **Supportive Learning Environment:** Our academic and support teams are here to guide you throughout your studies. You will receive personalised academic support, structured learning materials, career mentoring, and access to extensive learning resources that help you thrive, especially if you are new to computing.
 - **Diverse and Inclusive Community:** With over 79 nationalities represented in our department, Solent University is proud of its multicultural and inclusive environment. This global perspective enriches classroom discussions and prepares you to collaborate effectively 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 postgraduate journey. It is your chance to explore, connect, and get inspired.

If you have any questions or concerns before the semester begins, please do not hesitate to contact us via email. We are here to help and look forward to meeting you in September.

Wishing you a relaxing and productive summer.





East Park Terrace
Southampton
SO14 0YN
UK
Tel: +44(0)23 8201 3000
www.solent.ac.uk

Kind regards,

Dr. Taiwo Ayodele

Course Leader

E: taiwo.ayodele@solent.ac.uk

