Competency	Essex Graduate	Skill	Skill Level	Evidence
Professional	**Literacy, Communication, Language Skills**	Express information effectively to technical and non-technical audiences	Expert	Evidenced by the positive feedback from the tutors in module assignments.
		Create documents to aid your communication (reports, diagrams, legal descriptions, plans, manuals and charts)	Expert	Tutors consistently rate well the reports I have presented to date.
	Commercial Awareness	Keep current with tools of the industry, as well as emerging technology	Proficient	I am required to know the latest tools in my line of work.
		Seek opportunites to improve and share knowledge of tools and technology that may improve productivity	Proficient	Daily stand-ups require feedback of issues and progress. I enjoy sharing knowledge that aids in a team's growth
		Participate in scientific and professional organisations	Aware	
		Emphasise quality, customer satisfaction and fair application of policies.	Proficient	Evidenced by module assignments and quality of e-portfolio output.
		Demonstrate familiarity with codes of conduct for the Computing field.	Trained	I possess an understanding of the BCS Code of Conduct.
	Subject understanding, research, critical thinking, time management	Critically analyse complex ideas in concepts in the field of Computer Science	Proficient	Working in the IT field for twenty years, must leave a positive mark of experience and complex topics
		Recognise inconsistencies and gaps in information, and search for additional information when needed...	Proficient	I worked as a software architect which requires a deep attention to detail. This often leads to identifying gaps and providing necessary solutions.
		Explore complex real-world problems in a Computing context	Proficient	
Legal and Ethical	**Ethical Awareness**	Comply with the letter and spirit of applicable laws	Proficient	I objey all laws required of me by my employers.
		Maintain privacy and confidentiality of company, co-worker and customer information	Proficient	Issues such as spam and phishing are high on my awareness for prevention. Maintaining secure access rights is something I advocate based on the "Least Privilege Required" principle.
Social (inc. Teamwork)	**Cultural Awareness**	Act in the best interest of the community at large - Social (Community) Responsibility	Trained	This often does not have impact on my deliverables at work.
	Teamwork, Leadership and Resilience, Time Management	Collaborate effectively in diverse teams to achieve team goals	Proficient	I have garnered experience through the years of how to effectively communicate ideas to a broad spectrum of users, epsecially the team members I collaborate with.
		Meeting team objectives using teamwork skills	Proficient	Work experience.
		Demonstrate skills in leadership and team building	Proficient	Work experience.
		Give and receive constructive feedback	Proficient	I have learned through the years how to best approach topics without causing negative feedback. It is inter-personal skills, and not easy to acquire.
	Creativity, Entrepreneurial, Problem solving, Initiative, Decision Making	Create, discuss and deliver strategies for sustainability for all stakeholders (company, community and environment)	Aware	Not relevant in my line of work.
		Able to make a decision on a complex matter/scenario using multiple sources of information	Proficient	Work experience.
Technical (Data Science)	**IT and Digital, Numeracy**	*Technical skills relevant to your degree programme:*		
		SQL for database querying	Proficient	
		Python Programming	Trained	
		Java	Trained	
		noSQL	Proficient	
		Statistical Language (R)	Aware	
		Gits - repository development and maintenance	Proficient	
		Use of conferencing technologies and Moodle (VLE)	Trained	
		Use of Word Processing tools and Spreadsheets	Expert	
		Effective use of e-library resources	Proficient	
Subject Application	**Global Citizen, Teamwork, Leadership, Emotional Intelligence**	Take into account other people's perspectives	Proficient	Work experience has allowed me to realise that many colleagues know more than I do about any topic. Wisdom therefore is being able to listen and absorb their experience and guidance without fighting back.
		Work constructively with differences in viewpoints	Proficient	Work experience and delivery of projects on different teams.
		Actively participate in a range of community activities as an informed citizen	Aware	
	Decision Making, Initiative, Emotional Intelligence, Ethical Awareness	Develop, articulate and clarify your personal values and ethics	Proficient	People often ask for one's opinion; freely ask, freely receive.

This is by no means a comprehensive list of Professional skills required for your programme. It is meant to be used as a guide for your SWOT analysis/action plan as part of your Professional Development Plan (PDP).

As you progress through the course, you will discover other skills you need to develop or currently have. These can be described in further detail in your SWOT analysis/action plan.

As this is required in various modules, you may end up with different versions of this Matrix. You can collate them in your Learning Loop as part of your final PDP at the end of your programme.

Adapted from BCS guidelines and Essex graduate