

Miss Giulia Passoni

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Graduate Structural Engineer, interested in pursuing a PhD in Architecture. Highly motivated, with strong analytical and organisational skills, passionate about learning and gaining new skills. Interested in architecture, sustainability, and digital innovation.

Education

- 2014 – 2019 | **MEng (Hons) Structural Engineering with Architecture**
The University of Edinburgh, UK
Graduation Award: First Class with Honours (1:1)
The course focused on structural design and analysis, according to Eurocode practice. This was combined with an overview of architecture - architectural design, history, and technological advancement. Sustainability and project management also featured in the syllabus. Together with effective teamwork, successful coursework required excellent organisational and communication skills.
Master Thesis: *Effective Academic Workspaces.*
Winner of the best-performing MEng thesis of the discipline
At the onset of the design of a new building, this research investigated the inter-relationship between the future building users, their current workspaces, and their organisations. Research methods included direct observations and semi-structured interviews. Academic typologies were produced, with practical design recommendations that were finally presented to the design team. This research was presented at Costain's conference *The Future of the Project*, held on 1st March 2019 in Edinburgh.
- 2009 – 2014 | **Diploma di Maturità Linguistica – Grade 98/100**
IISS A. Greppi, Monticello B.za, Italy
The syllabus included languages - Italian, English, German (5 years) and Russian (3 years), alongside with scientific subjects (Mathematics, Physics, Biology, Chemistry, Earth science) and humanistic ones (Art history, European Literature - taught in the relevant language, Law, History, Philosophy, Geography).

Work Experience

- 2019 -
Current | **Graduate Structural Engineer**
Bristol, UK
Part of the Structures team in an international consultancy. The role includes structural design and analysis for different structural materials, alongside with the historical and structural assessment of existing buildings. Strong analytical skills, attention to detail, and excellent communication skills are fundamental to produce outstanding work, both independently and as part of a team. Results are delivered punctually thanks to effective time management and group coordination.

Other Professional Experience

- 2018 - 2019 | **Academic Tutor – University of Edinburgh, UK**
Academic tutor for first, second and third year students in three engineering courses. Paramount for the role was to understand the subject and find creative ways to explain it, in order to give helpful explanations to students. It also required effective time management and good interpersonal skills with both colleagues and students.

Skills

Languages	English (second language) Italian (native) German (C1 Level München Hochvolksschule, 2015; B2 Goethe Zertifikat, 2014) French (B1)
Communication	Excellent communication skills, including report and essay writing, oral presentation, and interpersonal interactions, in English and Italian.
Problem Solving	Through my work experience and studies, I have acquired efficient, critical thinking and an analytical approach to find creative and effective solutions.
Team Work	Working in teams in the professional and academic environment, I have developed a professional attitude, and the skill to coordinate efficiently to produce the best results.
Organisational Skills	The ability of prioritising tasks plays a central role in professional and personal life. Organising my time wisely has brought me to develop independent judgement and proactivity, so as to produce quality work on time.

Awards & Prizes

2018 – 2019	Galliford Try Prize - Awarded to the best-performing MEng thesis.
2018 – 2019	Charles Innes Prize - Awarded to the best-performing graduate student.
2018 – 2019	Class Medal - Awarded to the best-performing graduate student.
2018 – 2019	Lindsay Prize - Awarded to the graduate student showing the most consistent aptitude in their Honours years.
2017 – 2018	Happold Foundation Scholarship - Competitive scholarship programme funded by Buro Happold for the last year of studies.
2016 – 2017	William Dudgeon Prize - Awarded to top 3 best performing students.

Extra Curricular Activities

Institutions	Member of the Institute of Civil Engineers.
Hobbies	Keen reader of European classics, and non-fiction books. Passionate language student (French, Russian). Eager to explore foreign countries and cultures, great lover of the outdoors. Amateurish artist, interested in art and architectural history. Improbable lockdown-time male hairdresser.

References

Academic

Dr Simon Smith – MEng Thesis Supervisor
School of Engineering, University of Edinburgh
Simon.Smith@ed.ac.uk

Professional

Available upon request