

Michele Costagliola

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Born in Naples, Italy, on 25th October 1991, male

PERSONAL STATEMENT

Mechanical Engineer with valuable experience gained in data centre construction, but with deep all-round expertise in mechanical, HVAC and energy field. I enjoy change, seeking out new challenges and continuously pushing myself out my comfort zone which I regard as the most effective learning method. I like questioning traditional approaches and prefer to actively and flexibly tackle problems and tasks which I face with a positive and energetic attitude.

KEY SKILLS AND COMPETENCIES

Personal Skills

- ambitious and results-driven;
- open-minded and comfortable in multicultural environment;
- flexible and willing to travel;
- self-motivated with a positive and friendly attitude;
- reliable team-player and happy to help others succeed;
- strong decision-making skills and ability to prioritize and plan effectively;
- proactive and easily adaptable to changes.

Certificates

- GBCI Sustainability Excellence Associate (SEA);
- LEED Accredited Professional – Building Design and Construction;
- LEED Green Associate;
- Cambridge English Level 3 Certificate in ESOL International (Proficiency).

Additional information

- Language skills – Italian: native; English: proficient; Spanish: intermediate;
 - Driving license – B (European Union driving license).
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EDUCATION

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| ○ Master in Mechanical Engineering for Energy and Environment University of Naples Federico II, Italy | March 2014 – March 2017 |
| ○ Master in Mechanical Engineering – Erasmus Polytechnic University of Valencia, Spain | February 2015 – June 2015 |
| ○ Bachelor in Mechanical Engineering University of Naples Federico II, Italy | October 2010 - March 2014 |

WORK EXPERIENCE

- **Mechanical Engineer** **January 2023 – January 2025**
Dornan Engineering Ltd| dornan.ie

Data centre building projects:
Microsoft AMS13 & AMS14, The Netherlands.

Main responsibilities:

- Package Manager for the ventilation and water treatment systems: design review, tendering, technical submittals, procurement, construction and as-built drawings, scheduling, coordination, safety, quality, testing & commissioning, etc.;
- supporting the mechanical team with managing all the other mechanical packages.

- **Mechanical Engineer** **September 2022 – December 2022**
Winthrop Engineering Ltd| winthrop.ie

Data centre building projects:
EdgeConneX BRU01, Belgium.

Main responsibilities:

- management of all the project mechanical packages;
- management of testing & commissioning;
- manage relevant client communications;
- communicate with project team to sequence installation to meet scheduled dates;
- compilation of O+M manuals;
- implementation of safety, including review and submission of method statements;

- **Mechanical Project Engineer** **March 2021 – August 2022**
Lynskey Engineering Ltd | www.lynskeyeng.i

Data centre building projects:
Iron Mountain FRA1B1, Germany.

Main responsibilities:

- management of all the project mechanical packages;
- design review, procurement, planning and assisting with administration of contracts;
- close liaison with the Contracts Manager to help running of the project;
- working with site personnel and sub-contractors to ensure proper flow of information;
- implementation of safety, including preparation and submission of method statements;
- management of testing & commissioning and reporting progress at daily commissioning meeting with client;
- compilation of O+M manuals.

- **Mechanical Engineer**
Mercury Engineering Ltd | www.mercuryeng.com

June 2018 – March 2021

Data centre building projects:

- Equinix FR9, Germany;
- Interxion AMS10, The Netherlands;
- Interxion AMS8, The Netherlands.

Main responsibilities:

- management of the mechanical packages under my control: design review, tendering, technical submittals, procurement, construction and as-built drawings, scheduling, coordination, safety, quality, logistics, testing & commissioning, progress tracking, etc.;
- supporting the mechanical team with managing all the other mechanical packages.

- **Trainee Mechanical Engineer**
Birmingham City University | Birmingham,
UK|

October 2016 – February 2017

Main activities and achievements:

- investigation and development of a reverse model for buildings;
- implementation of the developed model in the predictive control of heating systems;
- programming of the predictive algorithm in EnergyPlus;
- conceptual design of a zero-carbon building using IES-VE.

- **Trainee Mechanical Engineer**
PBA International, s.r.o. | Prague, Czech
Republic|

April 2016 – July 2016

Main activities and achievements:

- implementation of BREEAM and LEED certification systems to existing buildings;
- understanding of the building computer simulations and analyses in DesignBuilder;
- understanding of a range of codes (i.e. ASHRAE standard 90.1 appendix G).

REFERENCES

References are available on request.