

Silvia LO CONTE

PhD Student in Industrial Chemical Processes

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📍 Via Veturia 32, 00181 Roma (RM), Italy

📅 Born on 25th May 1997, Italy



PhD student in **Industrial and Environmental Chemical Processes** at Università degli Studi "La Sapienza" • MSc in **Chemical Engineering** • Full merit "Fed. Naz.Cavalieri del Lavoro" scholarship • Native Italian speaker, Advanced English, basic Spanish • Willing to travel

WORK EXPERIENCE

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| October 2021 | Junior Researcher at the Department of Chemical Engineering, UNIVERSITÀ DEGLI STUDI DI ROMA "LA SAPIENZA", Italy |
| March 2021 | <ul style="list-style-type: none">> Implementation of models of thermochemical energy storage unit> Validation of kinetic models on the basis of experimental data provided by ENEA> Simulation of operating storage unit in different geometric configurations and conditions <div style="display: flex; gap: 5px;">Renewables Energy storage Carbonation Uniroma1 ENEA</div> |
| October 2021 | Student Collaborator Biblioteca Centrale Facoltà Ingegneria "G. Boaga", UNIVERSITÀ DEGLI STUDI DI ROMA "LA SAPIENZA", Italy |
| January 2019 | <ul style="list-style-type: none">> Part-time job while attending university full-time <div style="display: flex; gap: 5px;">Collaboration Scholarship Uniroma1</div> |

EDUCATION

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| Present | PhD in Industrial and Environmental Chemical Processes, UNIVERSITÀ DEGLI STUDI DI ROMA "LA SAPIENZA", Italy |
| November 2021 | <ul style="list-style-type: none">> Research topic : Green hydrogen production through molten carbonate electrolysis <div style="display: flex; gap: 5px;">hydrogen MCEC</div> |
| October 2021 | Master of Science in Chemical Engineering, UNIVERSITÀ DEGLI STUDI DI ROMA "LA SAPIENZA", Italy-Grade : 110/110 |
| October 2019 | <ul style="list-style-type: none">> Honours Programme : mastering course and workshops aimed at the best students> Dissertation title : "Stoccaggio termochimico di energia basato su reazioni di carbonatazione/calcinazione : dal modello cinetico al modello teorico dell'unità di accumulo" |
| July 2021 | Full Merit-based Scholarship, COLLEGIO UNIVERSITARIO DEI CAVALIERI DEL LAVORO "LAMARO POZZANI", ROME, Italy |
| September 2016 | FEDERAZIONE NAZIONALE DEI CAVALIERI DEL LAVORO <ul style="list-style-type: none">> Diploma in Business and Law Fundamentals "Cav. Gaetano Marzotto" - Grade : Excellent> Weekly meetings with leading personalities from business, politics and academia |
| October 2019 | Bachelor of Science in Chemical Engineering, UNIVERSITÀ DEGLI STUDI DI ROMA "LA SAPIENZA", Italy-Grade : 110/110 with honors |
| October 2016 | <ul style="list-style-type: none">> Dissertation title : "Analisi di un sistema termocline per lo storage dell'energia" <div style="display: flex; gap: 5px;">Energy storage</div> |

SKILLS

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|------------------------|---|
| Computer skills | MatLab (intermediate), PROII (intermediate), LateX (intermediate), gProms (basic), Microsoft Office Suite (Word, Excel, PPT) (upper intermediate) |
| Languages | Italian (native), English (advanced) |
| Soft Skills | Good team-leading and team-working skills gained as a volleyball player and thanks to academic group projects, communicative competences in a multidisciplinary environment gained during 5 years of stay at Collegio Universitario Lamaro Pozzani |

I authorize the processing and transfer of data pursuant to art. 13 of the EU Regulation 679/2016 (GDPR)