

Paolo Francesco Riva Riquelme

Via Filippo Tommaso Marinetti, 20127, Milano, MI, Italy | Website: poloriva.github.io

Phone: +39 331 802 3392 | Email: riva.polo@gmail.com | LinkedIn: [paolo-riva-riquelme-b6554679](https://www.linkedin.com/in/paolo-riva-riquelme-b6554679)

SKILLS

- Steady State Simulations (ProII, Hysys, UniSim)
- Dynamic Simulations (DynSim)
- CFD Simulations (ANSYS Fluent)
- Design and Optimization of Chemical Processes
- P&ID and PFDs
- Statistics, DoE and Data Analysis
- PID and Model Predictive Control Systems
- Economic Assessment of Processes
- Life Cycle Assessment (OpenLCA)
- Product Formulation
- ASTM Standardized Tests

EDUCATION

Politecnico di Milano

Master of Science in Chemical Engineering

September 2017 – April 2020

Milan, Italy

Thesis: "Study of the kinetic model and plant steady-state simulation for the synthesis of methanol from syngas on synthetic Cu/ZnO/Al₂O₃ catalyst"

Universidad de Concepción

Bachelor in Chemical Civil Engineering

March 2010 – August 2016

Concepción, Chile

Thesis: "Polyurethane intumescent coating formulation based on tannins from Pinus Radiata"

WORK EXPERIENCE

Accenture

Application Development Associate

February 2020 – Present

Milan, Italy

Accenture

Technology Trainee

September 2019 – January 2020

Milan, Italy

Enet Energy SA

Trainee on quantitative analyst and strategy on natural gas markets

June 2019 – July 2019

Lugano, Switzerland

Universidad de Concepción

Product Formulation Researcher

November 2016 – March 2017

Concepción, Chile

Universidad de Concepción

Undergraduate Research Assistant

March 2016 – August 2016

Concepción, Chile

COMPUTER SKILLS

- Office Package (Word, Excel, PowerPoint, Visio, Access)
- Programming Knowledge (Python, MATLAB, Java, C++)
- Source Control Management (Git, GitHub)
- 3D Modeling (AutoCAD)
- Programming IDEs (MATLAB, Visual Studio, IntelliJ)
- SQL, PL/SQL and Database Design (SQLite3, Oracle SQL)
- Adobe CS (Photoshop, After Effect, Premiere, Illustrator)
- Web Development (HTML, CSS, JavaScript)

LANGUAGES

ENGLISH

- Oral and Written Expression – Level B2*
- Reading and Listening Comprehension – Level C1: TOEIC 950

ITALIAN

- Oral and Written Expression – Level B2*
- Reading and Listening Comprehension – Level B1*

SPANISH

C1 - Native

* : uncertified

DOCUMENTS

- Class B Driver's License
- Italian Passport
- Chilean Passport
- EU recognition of foreign degree (Dichiarazione di Valore)