



Hermes Droghetti
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Hermes Droghetti

Chemical Engineer

About Me Graduated *cum laude* at Politecnico di Torino in Sustainable Processes and Chemical Engineering. I am working as Modelling and Simulation Researcher in PoliTo. During my career, I took part in several Erasmus+ projects, which triggered my passion for travelling, meeting people and working in team. I am also interested in programming, business and startup.

Available from: now

Education

European Innovation Academy, Jul 2017, Turin

World's Largest Extreme Entrepreneurship program.

Atelier Doctoral, 20 Sept 2017 - 22 Sept 2017, Archamps Technopole
Self-Branding and Pitch Training course

Visiting Ph.D. Student, Sept 2016 - Feb 2017, Universitat de Barcelona

Visiting PhD in the group of Soft Matter in the Department of Condensed Matter Physics, Faculty of Physics.

Advanced Summer School, Multiscale Modeling of Flowing Soft Matter and Polymer Systems, July 2016, International Centre for Mechanical Sciences (CISM), Udine

MSc in Chemical and Sustainable Processes Engineering, Sept. 2013 - Oct. 2015, Politecnico di Torino

Grade: 110/110 cum laude. Master Thesis: *Development of an OpenFOAM solver for Polyurethane Foams*, In English

Erasmus+ Project: Courses. Sept 2014 - Mar 2015, Chalmers University of Technology, Gothenburg, Sweden.

C courses

BSc in Chemical and Food Engineering. Sept. 2010 - Mar. 2013, Politecnico di Torino

Grade: 103/110

Experience

Startup Project: aLive.Founder and Front-End Developer, Gen 2017 - Present, Treatabit I3P Torino

Working as COO and Front-End Dev in a startup project based on live advertising. Also collaborating with CFO in the business part. Ranked Top 30 @ European Innovation Academy Pre-Incubated @ Incubatore Imprese Innovative Politecnico di Torino since May.

Erasmus+ Project: PEP-UP - PhDs Enhanced for Prospects ErasmUs Plus: Fit for Industry, 5 Feb 2017 - 10 Feb 2017, Politecnico of Turin, Torino, Italy

An european project with seven academic and two industrial partners, focused on the improvement of soft skills. Workshop themes:



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- Practical and logical challenges solved in team.
- Leadership, playing different roles based on the situation and on the competences.
- Importance of feedbacks, time management and networking.
- Zooming-in and -out. Strategic thinking.

Communication Skills

Languages

- Italian: Mother-Tongue
- English: IELTS Certification, B2 level.
- Spanish: Ole, Language School (Barcelona). A2/B1 Level

Soft Skills

- Team-Worker
- Punctual
- Ambitious
- Open to Feedbacks
- Strategic Thinking
- Calm
- Public Speaker
- Logical
- Networking
- Selling
- Precise
- Open-Minded
- Motivated
- Zooming-in/-out

Computing Skills

Programming

- C
- Shell Scripting
- Android
- C++
- MPI
- Matlab
- Java

Engineering Software

- OpenFOAM
- Gromacs
- Aspen Energy
- SimaPro
- OpenOffice
- Fluent
- LAMMPS
- AndroidStudio
- SolidWorks
- Office Package
- Aspen
- DLMeso
- OpenLCA
- LaTeX
- More on request

Publications

- Karimi M.; **Droghetti H.**; Marchisio D.; *Multiscale Modeling of Expanding Polyurethane Foams via Computational Fluid Dynamics and Population Balance Equation*, Macromolecular Symposia 360(1):108-122 · Feb 2016
- Karimi M.; **Droghetti H.**; Marchisio D.; *PUFoam : A novel open-source CFD solver for the simulation of polyurethane foams*, COMPUTER PHYSICS COMMUNICATIONS, May 2017.

Awards

2016, Graduate Scholarship, Vittorio De Bernochi, Alumni Polito

Awarded to the best graduate in Chemical Engineering in the year 2016-2017

06 Oct. 2017, Best Oral Communication, WCCE10

Award to the Best Oral Communication obtained during the World Congress of Chemical Engineering 10 held in Barcelona in October 2017 for the lecture titled: Toward a Multiscale CFD/DPD Model for Structured Fluids