



Carla Aguilar Muñoz

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Experience

XXVI International Materials Research Congress

I participated with the project "Analysis of the cooling curve to determine the phase fraction during solidification through an alternative method", which will be published in a scientific journal

Peñoles S.A. de C.V.

I worked in the area of chemical analysis developing process improvements

Universidad Nacional Autónoma de México

Research Internship in "Synthesis of heterocyclic compounds as anti-tumor potentials and anxiolytic potentials"

Universidad Nacional Autónoma de México

Research Internship in "Cooling effect on the microstructure of complex alloys in casting conditions"

Universidad Nacional Autónoma de México

Tutor of Algebra and Vector Calculus

Studies

Universidad Nacional Autónoma de México

August 2016 – January 2019

Master's degree Chemical Engineering - Materials

Score: 9.9/10 with honors

Instituto de Física de Materiales Tandil, Argentina

April 2018 – May 2018

I was part of the project "Fusion and solidification of Sn-Cu alloys in conditions out of equilibrium", which will be presented at the International Congress of Metallurgy and Materials 18th SAM-CONAMET

Universidad Nacional Autónoma de México

September 2014 – November 2017

Member of the representative sports team of tennis

Universidad Nacional Autónoma de México

August 2012 – June 2016

Bachelor's degree Metallurgical Chemical Engineering

Score: 9.5/10 with honors

Politecnico di Torino

October 2015 – March 2016

I participated in the academic mobility program, where I took engineering courses in English and Italian, attended industrial visits and joined sports and cultural

Achievements

Roberto Rocca Education Program

Beneficiary

Universidad Nacional Autónoma de México

Recognition of High Academic Performance

AIST Foundation "Real Steel"

Participation and 2nd place winning

Material Advantage

President of the student chapter in Mexico

Interests

Materials	Logistic
Simulation	Chemistry
Process Engineering	Programming
Mathematical Models	Software
Polymer	

Languages

Spanish Native
English Fluent
Italian Medium

Skills

Python ®	Origin ®
ANSYS ®	AxioVision ®
Microsoft Office (Excel, Word, Power Point)	
Video Editing	
Leadership in analysis work	
Teamwork	
Strive for excellence	
Skills in synthesis and analytical thinking	
Innovation and creativity	
Dedication and commitment	
Handling equipment and laboratory supplies	

Personal Interests

Travel	Puzzles
Board games	Nature
Tennis	Read
Trekking	Outdoors activities
Bicycle	Dance