

# Mateo Acevedo

@mateo.acevedo.000@gmail.com

github.com/Agusmastex

+595 983 979724

Chemical Engineering Student



## Experience

### Teaching Assistant IV

Universidad Nacional de Asunción, Facultad de Ciencias Químicas

Feb 2020 - Present

Courses taught:

- Analytic Geometry
- Physics I
- Differential Equations
- Numerical Methods

### Scientific Initiation Program

Universidad Nacional de Asunción, FCQ  
Universidade do Estado do Rio de Janeiro, GESAR

Feb 2022 - Present

Topic: Modeling and simulation of 1D two-phase steam-water flow in a pipe

## Bibliographic Production

### One-dimensional two-phase homogeneous flow model for a vertical heated pipe

Nov 2024

Foz do Iguaçu

Authors: M.A.A. Onieva, M.F. Pena, L.M.R. de Lima, H.H. Shin, N. Mangiavacchi

- Experience in translation, localization and co-editing of web-novels.

## Achievements

- Gold medal of Colegio Campoalto 2018's cohort
- Silver medal in the National Chemistry Competition (CoNaQ 2018)
- Silver medal in National Math Olympiads (OMAPA 2014)
- Finalist in National Informatics Olympiads (Aguarandú 2016)
- Winner of the 2011's Creative Writing Contest of the Humanities Fair of Colegio Campoalto

## Education

### Undergraduate in Chemical Engineering

Universidad Nacional de Asunción, Facultad de Ciencias Químicas

Feb 2019 — Present

- 9° Semester

## Cursos

### Latin American and Caribbean Math School (EMALCA) Paraguay 2023

Sociedad Matemática Paraguaya  
Universidad Nacional de Itapúa

Oct 2023

Encarnación, Paraguay

Courses taken:

- Differential Geometry
- Algebraic Geometry
- Dynamical Systems

### Linear Algebra course – Scientific Initiation School

Coordinación de Matemática Aplicada de la Facultad de Ingeniería

Jan 2022

## Languages

English



Spanish



## Skills

### Programming

Python



Julia



Octave



### Document typesetting

LaTeX



Typst



### Version control

Git

