

# Claudia Del Peso

[claudia.del.peso.page@gmail.com](mailto:claudia.del.peso.page@gmail.com) | [Portfolio Website](#) | Gothenburg, Sweden

## EDUCATION

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### Linnaeus University

Sweden

*Bachelor of Science, Applied Mathematics*

*Aug. 2019 – Jun. 2022*

- Relevant Courses: Multivariable Calculus, Probability Theory and Statistics, Linear Algebra and Advanced Linear Algebra, Algorithms and Advanced Data Structures, Operating Systems, Database Theory, Introduction to Machine Learning

### Chalmers University of Technology

Sweden

*Master of Science in Computer Science - Algorithms, Languages and Logic*

*Aug. 2022 – Jun. 2024 (Expected)*

- Relevant Courses: Logic in Computer Science, Algorithms, Functional Programming, Programming in Language Technology

## EXTRACURRICULAR ACTIVITIES

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### Problem Solving and Computational Thinking Online Course

2021

*Coursera, University of Michigan*

### Introduction to Ordinary Differential Equations Online Course

2021

*Coursera, Korea Advanced Institute of Technology*

### Fullstack Open Course

2022

*University of Helsinki*

### The Web Developer Bootcamp

2022

*Udemy, Colt Steel*

## COMPETITIONS AND PROJECTS

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### Extended Essay Competition Universidad Francisco Vitoria (UFV)

2018

- Extended Essay Competition is a competition where high school students research a topic and do a public debate their process and findings.

### Extended Essay Competition Universidad Autonoma de Madrid (UAM)

Sep. 2020

- This competition is aimed at highschool students who want to research a subject of interest and present their methods and conclusions.

### Bachelor Thesis: study prediction of churn (in collaboration with Fortnox)

2022

- The goal of my project was to understand and try to solve the problem of imbalanced data in machine learning by studying churn data.

### Compiler in Haskell

2022

- In this project I wrote a compiler in Haskell. This included the parser, lexer, type checker and code generator.

### Personal Portfolio

2022

- Click [here](#) to see my personal portfolio where you can get to know about my professional background. I also display my projects with links to the corresponding github repositories.

### Second Order SQL Injection Attack Project

2023

- This is a project about language-based security. The goal was to understand how second order sql attacks occur and how they can be prevented. To do this we created a website and tried finding its vulnerabilities.

### Summer Job at Inditex

2023

- During the summer of 2023 I worked in the engineering team in the technology department at Inditex. During the three months of summer I worked with my team on the development of a python framework.

### International Exchange to Hong Kong

2023

- I am currently doing an exchange in Hong Kong at the engineering department. I will be taking interesting courses from Blockchain technology to Competitive Programming.

## TECHNICAL SKILLS

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**Programming Languages:** Python, Java, Haskell

**Web Development:** JavaScript, HTML/CSS

**Frameworks:** React, Node.js

**Developer Tools:** VS Code, PyCharm, IntelliJ, VirtualBox, Git/GitHub

**Libraries:** TensorFlow, pandas, NumPy, Matplotlib

**Languages:** English, Spanish, Swedish