

Claudia Del Peso

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EDUCATION

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

ONLINE COURSES

Fullstack Open

2022

University of Helsinki

The Web Developer Bootcamp

2022

Udemy, Colt Steel

Git and GitHub

2021

Coding Nomads

Problem Solving and Computational Thinking

2021

Coursera, University of Michigan

Introduction to Ordinary Differential Equations

2021

Coursera, Korea Advanced Institute of Technology

COMPETITIONS AND PROJECTS

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 bachelor thesis aim was to explore the different method to deal with the big problem of imbalance data. This study was done on churn data. After processing the data set, different machine learning models were used to predict customer churn.

Compiler in Haskell

2022

- In this project I wrote a compiler in Haskell. It included a parser in BNFC. A type checker which produced a syntax abstract tree which was passed to an interpreter to compute the code. It also included a code generator which produced JVM instructions in Jasmin. Finally I coded an interpreter for a fragment of a functional programming language.

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.

TECHNICAL SKILLS

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