

ANDRÉ SILVA

BSc in Computer Science



Porto, Portugal



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mastersilvapt.github.io



mastersilvapt

EDUCATION

Faculty of Sciences of the University of Porto

BSC IN COMPUTER SCIENCE

Porto, Portugal

09/2019 - current

Escola Secundária Eça de Queirós

HIGH SCHOOL IN SCIENCES AND TECHNOLOGIES

Povoa de Varzim, Porto, Portugal

09/2016 - 08/2019

PROFESSIONAL EXPERIENCE PROJECTS

Concurrent Programming, FCUP

CHASE

Porto, Portugal

03/2022 - 06/2021

- Concurrent HashSet
- Java

Concurrent Programming, FCUP

SiPoSo

Porto, Portugal

01/2022 - 03/2021

- Simple Polynomial Solver
- Polynominal calculations, Factorial, verify primes, Fibonacci and Maclaurin Series
- Erlang, Distributed computing

Artificial Intelligence, FCUP

RASiPoGE

Porto, Portugal

02/2020 - 05/2021

- Random Simple Polygon Generator
- Small TSP
- Java, Bash

Artificial Intelligence, FCUP

SUPERSET

Porto, Portugal

05/2020 - 06/2021

- Predict Results of Speed Dating
- R Programming language

Mobile Device Programming, FCUP

VANGUARD

Porto, Portugal

02/2020 - 06/2021

- Chat over bluetooth, central server to posts and comments
- Java, PHP

Compilers, FCUP

TIGER-0 TO MIPS COMPILER

Porto, Portugal

10/2021 - 01/2022

- Transform high level code in Tiger-0 to Mips Assembly Code
- Lexer made in Alex, Parser made in Happy, Intermediat Code in Haskell and Assembly Code in Haskell
- Haskell, MIPS Assembly

Communication Networks, FCUP

CHAT OVER TCP

Porto, Portugal

10/2021 - 01/2022

- Server implementation, and Client with GUI
- Java

HONORS

2019 **ESEQ**, Honor Board

Povoa de Varzim,

Porto, Portugal



ABOUT ME

Bachelor's Degree in Computer Science, Engineer, Software geek

SKILLS

C

Java

Haskell

C++

MySQL

PHP

HTML

0

+500 h

LANGUAGES

English • Fluent (B2 Equivalent)

Portuguese • Mother tongue

HOBBIES

Programming, Gaming

NON PROFIT

- Student Associations, 3 years (Member, Member, Treasurer)
- Monitoring Committee of Bachelor's Degree in Computer Science at FCUP