

# ANDRÉ SILVA

## MSc in Security Information



Porto, Portugal



andresilva.aer@gmail.com



andre-silva-601043140



+351 926205258



mastersilvapt.github.io



mastersilvapt

## EDUCATION

### Faculty of Sciences of the University of Porto

MSc IN SECURITY INFORMATION

Porto, Portugal

09/2022 - actual

### Faculty of Sciences of the University of Porto

BSc IN COMPUTER SCIENCE. FINAL GRADE: A (17/20)

Porto, Portugal

09/2019 - 07/2022

### Escola Secundária Eça de Queirós

HIGH SCHOOL IN SCIENCES AND TECHNOLOGIES

Povoa de Varzim, Porto, Portugal

09/2016 - 08/2019

## PROFESSIONAL EXPERIENCE

### Labcc, DCC, FCUP

INTERNSHIP SYSTEM ADMINISTRATOR

Porto, Portugal

08/2022 - actual

- Configure machines
- CEPH storage
- GPU processing
- Manage Networks
- Automate tasks

### DCC, FCUP

SCHOLARSHIP FOR INITIATION TO SCIENTIFIC RESEARCH

Porto, Portugal

04/2022 - actual

- Privacy Awareness
- Develop Android Application
- Test Android Applications
- Android Permissions

## PROJECTS

### Security Operations, FCUP

SOC

Porto, Portugal

09/2022 - 12/2022

- DNS Poisoning
- SSH MITM
- Filebeat

### Network Security, FCUP

IN VEHICLES NETWORK

Porto, Portugal

10/2022 - 12/2022

- CAN Networks

### Theory and Practice of Security Attacks, FCUP

PENETRATION TESTING

Porto, Portugal

10/2022 - 02/2023

- FCUP

### Privacy Enhancing Technologies, FCUP

PRIVATE SET INTERSECTION

Porto, Portugal

10/2022 - 12/2022

### Privacy Enhancing Technologies, FCUP

ANATOMIZING DATASET: Crimes no Brasil

Porto, Portugal

09/2022 - 10/2022

### Concurrent Programming, FCUP

CHASE

Porto, Portugal

03/2022 - 06/2021

- Concurrent HashSet
- Java



## ABOUT ME

Master's Degree in Security Information,  
Bachelor's Degree in Computer Science,  
Engineer, Software geek

## SKILLS

C

Java

Haskell

C++

MySQL

PHP

Ansible

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

## 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, Intermediant 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