

# Anderson Andrei da Silva *Master in Computer Science*

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Master of Science in Informatics at the University Grenoble Alpes, with a Bachelor degree in Computer Science at the University of São Paulo. I have a large experience in Computer Science,

I have been working and teaching on the Industry and also I have been working on the research topics:

**Cloud and Edge Computing, Smart Cities, Data Science, Computer Networks, Parallel and Distributed Computing.**

## PROFESSIONAL EXPERIENCES

### SOFTWARE ENGINEERING CONSULTOR

*ITM CHANNEL MARKETING, SÃO PAULO - SP*  
January, 2020 - Today

### TEACHER OF PROGRAMMING TOPICS

*ITM CHANNEL MARKETING, SÃO PAULO - SP*  
September, 2019 - Today

### TEACHER ASSISTANT

*UNIVERSITY OF SÃO PAULO, SÃO PAULO*  
January, 2018 - February, 2018

**Course:** Introduction to Computer Science to Mathematical Sciences.

**Professor in charge:** Alfredo Goldman

*UNIVERSITY OF SÃO PAULO, SÃO PAULO*  
January, 2018 - February, 2018

**Course:** Programming Topics

**Professor in charge:** Arthur Casals

*ETEC DE FRANCISCO MORATO, SÃO PAULO*  
February, 2015 - April, 2015. **Course:** Mathematics

### RESEARCHER, INTERN

*LABORATOIRE D'INFORMATIQUE DE GRENOBLE, FRANCE*  
February, 2019 - Jun, 2019. **Advisor:** Prof. Denis Trystram

### NETWORK ADMINISTRATOR

*UNIVERSITY OF SÃO PAULO, SÃO PAULO*  
April, 2017 - July, 2018

### COMPUTER MAINTENANCE INTERN

*UNIVERSITY OF SÃO PAULO, SÃO PAULO*  
April, 2015 - April, 2017

## EDUCATION

### MASTER DEGREE

*UNIVERSITÉ GRENOBLE ALPES, GRENOBLE - FRANCE*  
September, 2018 - June, 2019

**Program:** Master of Science in Informatics, MOSIG - M2

**Specialization:** Parallel, Distributed and Embedded Systems

**Master thesis:** Job Allocation Policies in an Edge Platform

**Advisor:** Professor Denis Trystram

### UNDERGRADUATE DEGREE

*UNIVERSITY OF SÃO PAULO, SÃO PAULO - BRAZIL*  
January, 2017 - July, 2020

**Program:** Bachelor in Computer Science

**Advisor:** Professor Alfredo Goldman

## LANGUAGES

**PORTUGUESE:** Native, **ENGLISH:** Fluent, **FRENCH:** Basic

## SKILLS

**GENERAL:** Design of experiments, Statistical Analysis

**SOFTWARE ENGINEERING:** Python, C, OpenMP, Julia, R, Bash, Django, SQL, Neo4j and MongoDB

**TOOLS AND INFRASTRUCTURE:** GNU/Linux, Git, Automated Testing, LaTeX, Emacs

## PUBLICATIONS

**A. A. Da Silva**, C. Mommessin, P. Neyron, D. Trystram, A. Bauskar, A. Lebre, A. Van Kempen, Y. Ngoko and Y. Ricordel, *et al. Evaluating Computation and Data Placements in Edge Infrastructures through a Common Simulator*. 2020 IEEE 32nd International Symposium on Computer Architecture and High Performance Computing (SBAC-PAD), Porto, Portugal, 2020.

**Andrei A**, Abrahao P, Immich R and Goldman A. *Transmissão de Vídeo em Tempo Real em Redes AD HOC*. Anais do XXXVI Simpósio Brasileiro de Redes de Computadores e Sistemas Distribuídos (WTG SBRC), Campos do Jordão, Brasil, 2018.

## COMPLEMENTARY EDUCATION

### EXCHANGE PROGRAM, CHICAGO - UNITED STATES

*Language Course*. September, 2013 - October, 2013.

**School:** Intrax Chicago

**Scholarship:** Etec de Francisco Morato

### QUALITATIVE RESEARCH METHODS, *Extracurricular*

*Course*. *UNIVERSITY OF SÃO PAULO, SÃO PAULO*  
March, 2018. **Professor:** Dr. Carolyn Seaman

### SÃO PAULO SCHOOL OF ADVANCED SCIENCE ON SMART CITIES, *Conference*, August, 2017

### SÃO PAULO GPU WORKSHOP OF LATIN AMERICA, *Workshop*, August, 2017

### REGIONAL SCHOOL OF HIGH PERFORMANCE ERAD-SP, *Workshop*, April, 2017

## COMPLEMENTARY EXPERIENCES

**XI, X SEMANA DA COMPUTAÇÃO IME USP, SÃO PAULO**  
*Workshop*, *UNIVERSITY OF SÃO PAULO, SÃO PAULO*  
August, 2019. **Position:** Organizing Committee  
August, 2018. **Position:** Organizing Committee  
August, 2017. **Position:** Organizing Committee