

# Danilo Santana and Silva

Technical in Communication Networks  
Bachelor in Applied and Computational Mathematics

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## Objective To

Get in touch with the area of applied mathematics and statistics, working on projects at the management level, using computational techniques in the analysis of the information of large data volumes. I am also interested in developing skills working with artificial intelligence and Internet of Things (IoT), preferably in projects beneficial to society.

## Main Qualifications

- Good knowledge in training, development and monitoring of skills through teaching and learning techniques - SENAI Methodology.
- Fluency in computer networks: topologies, infrastructure, communication and means of transmission, communication standard, LAN / WAN protocols, switching, routing in wired and wireless networks.
- Solid knowledge of network infrastructures: Microsoft, GNU / Linux and Cisco.
- Project knowledge: Phases, schedules, tools, data and information collection, feasibility analysis, safety aspects, presentation techniques and documentation.
- Pro-activity, good interpersonal relationship, critical sense, group work, ability to teach and leadership.

## Professional Background

1. **2018 - Today:** SENAI - "Paulo Ernesto Tolle" School (Swiss-Brazilian Unit)  
**Position:** Professional Training Instructor III (CLT)  
**Main activities:** Teach classes in the technical courses of "Computer Networks" and "System Development".
  2. **2017:** SPTrans - São Paulo Transporte SA  
**Position:** IT Technician (CLT - Municipal Job)  
**Main activities:** Analyze and resolve incidents in communication networks, configure servers and design plans for infrastructure restructuring.
  3. **2017:** SENAI - "Ary Torres" School (Santo Amaro Unit)  
**Position:** Professional Training Instructor II (CLT)  
**Main activities:** Teach classes in the course "Computer Technician" (Systems Development). Deployment of wireless system "Hotspot" for the institution.
  4. **2014 - 2018:** SENAI - "Paulo Ernesto Tolle" School (Swiss-Brazilian Unit)  
**Position:** Professional Training Instructor II (CLT)  
**Main activities:** Teach classes in the technical courses of "Computer Networks" and "Computer Technician" of Systems).
  5. **2012 - 2014:** SENAI - Paulo Ernesto Tolle School (Swiss-Brazilian Unit)  
**Position:** Technical Instructor in Computer Science (Autonomous Professional)  
**Main activities:** Coaching specialized in computer networks, focused on the "Olympiad of Knowledge 2012" competition and ministering classes in the technical course of "Communication Networks".
  6. **2011 - 2012:** IFSP - Federal Institute of Education, Science and Technology of São Paulo
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**Position:** Laboratory technician - Computing (public - Federal Job)

**Main activities:** Maintainer of the institutional portal, creator and maintainer of the teacher portal, infrastructure and systems maintainer of the academic network.

7. **2010 - 2011:** OSUC - Social, University and Cultural Works

**Position:** IT Technician (Internship)

**Main activities:** Implementing, completely reforming the network infrastructure, migrating from Linux to Windows platform, wireless network implementation.

## Education

- Bachelor of Applied and Computational Mathematics - **IME / USP (2019)**
  - Final: "*Modeling of Urban Transport Through Graphs*"
- Course Cisco - IT Essentials: PC Hardware and Software - **CIEE / CISCO (2011)**
- Network infrastructure Travel by S2B Program - **Microsoft / SENAC (2010)**
- Technical Course in Informatics - Communication Networks - **SENAI (2009)**
- C2 development course by S2B Program - **Microsoft / SENAC (2008)**

## Additional Information

- English - First Certificate in English (CEFR Level B2) - **Cambridge (2020)**
- Approved in 2nd place in brazilian public job exam - **SPTrans (2017)**
- English - TOEFL ITP - SCORE 510 - **IsF (2015)**
- Participation in WorldSkills São Paulo 2015 - Maintainer in AutoCAD Mode
- English - Mainstream Advanced Course 3 - **English Culture (2013)**
- Trainer of competitor in the "skill" of administration and management of computer networks, which came to win 1st place in the "Olympics of Knowledge" - **National Phase (2012)**
- Visitor at the international communication fair InfoComm - **USA (2010)**
- Approved in 1st place in brazilian public exam - **PRODAM (2010)**
- Ranked 2nd in brazilian public job exam - **IFSP (2010)**