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🔵 PERSONAL DATA

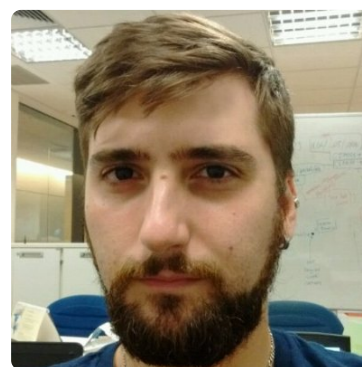### DIEGO SULZBECK VILLALOBOS

Age: 26

🏠 São Paulo - SP

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🏭 WORK

Itaú

Start: 06/2015 - End: 01/2017

Job: **Security Engeneer** (Cybersecurity).

Analysis and execution of security projects for web and mobile, management of teams and software Engineering.

Bradesco

Start: 04/2018 - End: 05/2019

Job: **Security Engeneer** (Cybersecurity).

Data analysis and development of machine learning models for monitoring and reacting to frauds

BioCatch

Start: 05/2019 - End: 11/2021

Job: **Threat Analist** (Cybersecurity/Data).

Data analysis and client facing calibration of an Israeli tool, involving R, python, PowerBI and SQL

Security Consultant

Start: 10/2015.

Security assessment of information infrastructure at YouInc and Josar Ind. Gráfica, following the designing and executing of corrective and preventive measures involving policies and IT.

⚙ KNOWLEDGE

Programming Languages

- C (+Arduino IDE), **C++** ...ıll

- **Java** (BackEnd, Android ,Spring (FW), Junit(FW)) ...ıll

- HTML, CSS ...ıll

- Vanila **JavaScript**, JQuery ...ıll

- **NodeJs** (Express, Sails.js) ...ıll

- FrontEnd JavaScript Frameworks (**AngularJs, ReactJs**) ▄▄▍▍▍

- **Python** ▄▄▍▍▍

- R (Data Analysis, Machine Learning) ▄▄▍▍▍

Software

Interest in Software, supported by personal projects in the area, professional experience and formal studies.

Worked at university with C and C++; attended various classes refering to **OO**, **software engineering, data structure, logic, algorithms**, among others.

Developed (Java), modeld and projected **security solutions at Itaú**, coverig **cryptography and monitoring**. Acted as **Engenheiro Master** in a big security project, responsible for a developing team (Java e .Net) in Itaú

Developed (R, Java), modeld and projected **security solutions at Bradesco**, coverig **Machine Learning** and other data solutions

Security consultant at YouInc. and Josar Ind. Gráfica, covering permission management and domain of Information Security, network fisical structure and servers and configuration of access through VPN

Security consultant at BioCatch, covering data insights, fraud detection and preventing, product calibration and client reporting

Assembly and Hardware Description

- **Assembly** (Experience with simple microprocessors, from 8 to 64 instructions) ▄▄▍▍▍

- **Quartus II**, Modeling and FPGA ▄▄▍▍▍

Hardware

Interest in Hardware, supported by personal projects in the area and formal studies.

Worked at university with **FPGA, Arduíno, ESP8266, RaspberryPi, TTL IC tecnology** and some simpler **microprocessors.** attended various classes refering to hardware development like 'Laboratórios Digitais 1 e 2', 'Laboratório de Fundamentos para Engenharia da Computação', 'Laboratório de Processadores', 'Arquitetura e Organização de Sistemas Digitais', 'Eletronics',among others.

🔧 PROJECTS

Software

- **Hanoi Tower** size "n", C

- **Word finder for huge texts,** C++

- **Sudoku Solver,** C++

- **Artificial Insemination Control** for comercial use, C++, Win32 API

- **"Bixo",** Python (Autonomous 0,5m x 0,5m car)

- Dumper, Loader, Conversor Hex-Dec and Dec-Hex, among other **resources in Assembly for a virtual machine on a processor of 16 instructions**

- Many **security projects** for mobile (BackEnd) and web (FrontEnd, BackEnd) at **Itaú,** Java and JavaScript/JQuery

- Many **security ML models** at **Bradesco,** R

Curriculum Web, ReactJs

BeerCoin

Winning project at Hackathon Ambev 2015, Ionic, NodeJS (Sails.js) and Angular.

We won a trip to **Silicon Valey, California,** where we visited the HQs of Facebook and Twitter as well as startups and startup acelerators

Hardware

- Electronic Cofer, TTL family ICs

- Modulator Demodulator, TTL family ICs

- Voltímeter, TTL family ICs

- Simple processor (16 instructions, memory and data path), FPGA

- "Bixo", Raspbery Pi and Arduíno (Autonomous 0,5m x 0,5m car)

- Modular house controlling system (IoT), RaspberryPi and ESP8266

🎓 ACADEMIC

Schools

- First to sixth year of elementary school at the "Colégio Espanhol **Miguel de Cervantes**", at São Paulo.

- Concluded **elementary school** and the first three years of high school at **Colegio Internacional SEK Chile**, at Santiago, Chile.

- Concluded **high school** at **Colégio Stockler**, at São Paulo.

Faculdade

Bachelor at **Escola Politécnica da USP**, studying **Eletrical Engineering with enphasis in Computing Engineering.**

Expected Completion **dec/2021**

Courses

- **Cybersecurity and Its Ten Domains,** Coursera, 2015

✚ OTHER ACTIVITIES

Languages

- **Spanish** fluent, spoken and written ▂▃▅█

- **English** fluent, spoken and written ▂▃▅▊

Extracurricular

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Member of the extracurricular group "Amudi" at poli, with witch I developed the project "Bixo, um carrinho autônomo".

-

Guitar studies.

⚽ OUTRAS INFORMAçÕES

-

Has **spanish nationality.**

-

Lived **for five years at Santiago, Chile** (fev. 2005 - dez. 2009).

-

Gave **private lessons** during the firs year at poli. Mathematics and Fisics.