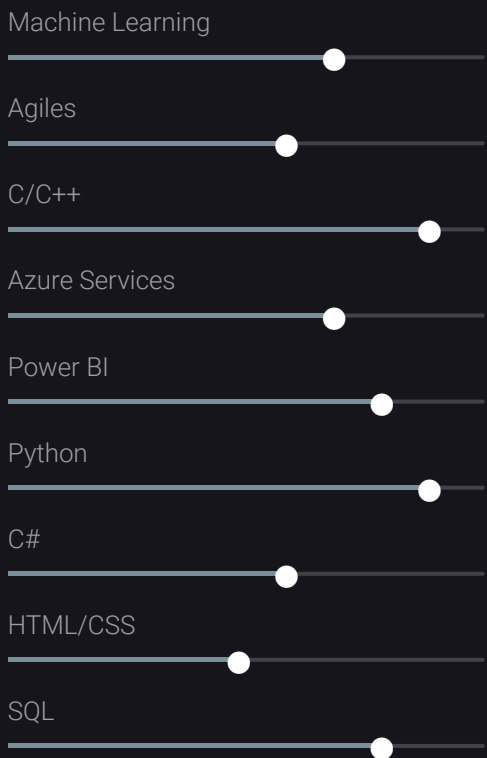




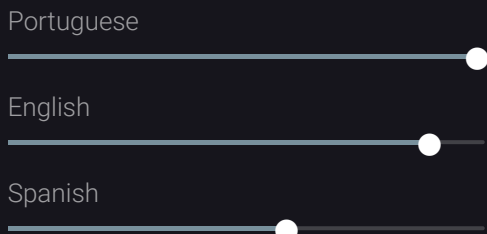
CONTACT

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SKILLS



LANGUAGES



Resume built in VueJS.

L U C A S A N T Õ N I O O L I V E I R A
R O D R I G U E S

PH.D. ENGINEER | DATA ANALYTICS | DATA ENGINEERING

Ph.D. in Mechatronics Engineering, Senior Data Analytics and Enginnering, with both professional and academic experience. researcher for the last 6 years in one of the top Brazilian Universities and Senior Data Analytics for the top global players in consuming goods industry. Acquainted with agile methodologies, proficient in IoT and Cloud services, highly skilled in Python, C, and SQL.

EXPERIENCE

Senior Data Analytics - Bowe Martech/ SMi Engineering and Industrial Automation
2020 - now

Outsourcing contract from Bowe to SMi Engineering. Leader consultant in Data Full Stack solutions for the top global players in consuming goods industry. Experienced with global projects integrating teams Latam, Europe, North America and South Asia.

Machine Learning solutions to identify patterns in Telemetry signals and create meaningful data.

Exploratory Data Analysis and Data Deep Dive.

Data Integration with multiple APIs and data sources in cloud based environments.

Data Warehouse design applying cloud based solutions using SQL databases.

Data visualization with Power BI.

Reasearcher - Federal University of Uberlândia
2015 - 2020

Ph.D researcher of the Robotics and Automation Laboratory, working with the following main topics:

Development of rehabilitation robotic structures for human gait recovery in post-stroke patients.

Optimizatin of robotic and mechanical systems appling machine learning in Python and C.

Data integration systems between robotic structures and virtual serious games applied in rehabilitation protocols.

Exploratory Data Analysis over results of Clinical trials of rehabilitation strucutres.

Business Analyst - Algar Tech
2012 - 2015

Development of corporative solutions on Telecominucations services and infrastructure. Responsible for price formation, requirements documentations and business case development for government and private companies.

Local network, IP phones and workstation infrastructure projects;

Firewalls e Data Storage solutions;

Professional Services;

Install and maintenance projects of optical fiber transmission systems;

Cisco Equipments solutions.

EDUCATION

Ph.D in Mechatronics Engineering - Federal University of Uberlândia

2017 - 2020, Development of a novel active bodyweight support for human gait rehabilitation applying machine learning and computational methods for optimization.

Master in Mechatronics Engineering - Federal University of Uberlândia

2015 - 2017, Development of nonmotorized structures for human lower limb rehabilitation applying machine learning and computational methods for optimization.

Graduation in Mechatronics Engineering - Federal University of Uberlândia

2008 - 2014, A mixed graduation course combining skills from Mechanical Engineering, Electric Engineering and Computer Science.

PROJECTS

Data Analysis on Open Data Sets

2020, Independent studies, courses projects and online challenges on Data Science common topics.

Freelancer Consultant in microcontrollers and IoT Solutions

2017, Projects developed for a small IT Agribusiness Company in the following topics:

Realtime biometric registering for employees using microcontrollers;

Development of a smart scale for ration stock control;

Development of a communication protocol over mobile internet shield between microcontrollers and the main database.