

Luiz Augusto Fidalgo Dantas da Costa

Bachelor of Electrical Engineering - Brasília, Brazil

OBJECTIVES

Bachelor of Electrical Engineering attending the last semester of university. Looking for opportunities to improve my skills and work in an innovative and challenging environment. I am interested in the areas of Project Management, Strategic Planning, Data Analysis, Internet of Things (IoT), Electronics, Embedded Systems, Computer Programming, 3D Modeling and Printing.

CONTACT



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05/05/2000



Rome, Italy



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SKILLS

- **Intermediate level:** Python, C, C++, ESP-IDF, MSP430, Arduino, PCB Design, Circuits Design, Office 365, Sketchup, AutoCAD, Project Management, Strategic Planning.
- **Basic level:** Photoshop, Power BI, PVSyst, LTSpice, CADe SIMU, LADDER, VHDL.

LANGUAGES

Portuguese - Native

English - Level C1

Italian - Level A2

WORK EXPERIENCE

Hardware Development Intern

Orion Telecommunications - Mar. 2021 - Dec. 2022

- Worked with hardware and firmware development at the spin-off BeSX.
- Participated in the development of 5 sensor prototypes.
- Participated in the production, testing and installation of over 200 units of one of the developed sensors.
- Awarded as the company's Outstanding Intern of 2021.

Academic Researcher

CNPq - Jul. 2020 - Jan. 2023

- Responsible for the development of an assistive human-computer communication methodology for typing.
- Article published in the scientific journal IJCAT.

CEO

ENETEC - Junior Consulting - Jan. 2020 - Dec. 2020

- Responsible for managing the junior enterprise's internal strategy and conducting its adaptation during the pandemic.
- Leadership of 39 members throughout the year.

EDUCATION

University Exchange - Overseas

University of Rome Tor Vergata, Italy

Feb. 2023 - Aug. 2023

Bachelor of Electrical Engineering

University of Brasília (UnB), Brazil

Feb. 2018 - Dec. 2023

Final Thesis: Inventory monitoring through weight variation using low power consumption techniques and wireless communication

RECOMMENDATION LETTERS

Prof. Dr. Daniel Chaves Café

University of Brasília (UnB)

Associate Professor A - Electrical Engineering Department

Luiz Augusto Fidalgo Dantas da Costa was my student back in 2019 during his undergraduate course in Electrical Engineering at University of Brasília (UnB), Brazil. I was also his supervisor for his undergraduate thesis in 2021. On both occasions, Luiz showed understanding capabilities above average. He graduated on my course on Embedded Systems with the highest score. He always demonstrated interest in the lectures given. In his undergraduate thesis, he developed an inventory control system through weight variations using low power wireless communication devices. This work became a functional product and was done in collaboration with two companies: Orion and BeSX. This demonstrates his abilities to work with different teams and different people. He is capable of organizing his own work and is also capable of balancing requirements in a multi-stakeholder project. The system was implemented in different programming languages including C and assembly. He is an excellent programmer with great communication skills. He is dedicated in what he does and has the curiosity to look for answers by himself.



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Allan Gabriel de Souza

Orion Telecommunications

Engineer - Leader of the Development Team

I would like to strongly recommend Luiz Augusto Fidalgo Dantas da Costa, who worked as a hardware development intern in our company for almost two years.

During the time Luiz worked with us, he proved to be extremely dedicated and interested in learning and helping. From the beginning, he was available and embraced the challenge of assisting me in creating a hardware development team within our company's innovation division.

During his stay here, Luiz showed great ability to solve problems and work in a team. He was always proactive in seeking feedback and finding ways to improve his work, demonstrating a true passion for hardware engineering.

I believe that this moment he is experiencing an exchange program outside Brazil will be an enriching process and will further develop many of the skills that already make him a good professional.

I strongly recommend Luiz Augusto for any future job or education opportunity. I am sure he will continue to excel in any work environment he chooses, and any team will be lucky to have him as a member.



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