



Matheus Silva

Computer Engineer



Summary

A proactive Computer Engineering student from Tufts University with a diverse background in software and hardware engineering. Experienced in designing and implementing data-driven solutions, web applications, and automation scripts to optimize operations and enhance user experiences.



Work History

2022-07 -
2023-08

Data Engineering Analyst

Bravium, Sao Paulo, Brazil

- Successfully delivered tailored software products for both commercial and internal strategic use. Designed user-friendly GUIs for analyzing product operational data and pricing.
- Developed automation and web scraping tools to analyze average market price of 18,000 products across seven e-commerce competitors, enhancing market competitiveness.
- Conducted data analysis and visualization to provide actionable insights to stakeholders.

2020-09 -
2021-03

Network and Infrastructure Intern

BTG Pactual, Sao Paulo, Brazil

- Developed and implemented intuitive web applications for real-time network monitoring, leveraging Django, Javascript, and API integrations to ensure seamless system performance.
- Collaborated closely with cross-functional teams to ensure applications met network specifications and user requirements.

2021-05 -
2021-08

Project Assistant

Tufts University Center for Engineering Education and Outreach, Medford, MA

- Created educational materials for robotics kits from LEGO and Arduino.
- Developed introductory IOT, Machine Learning, and entry-level programming activities.
- Facilitated and coordinated meetings with professors and students from 5 different countries.



Contact

Address

Medford, United States 02155

Phone

7814750513

E-mail

mdelim01@tufts.edu



Skills

Python
Problem Solving
Computer Programming
Multitasking
SQL
Java
C++
Data Analytics
Hardware



Education

2020-08 - Current

Bachelor of Science: Computer Engineering

Tufts University - Medford, MA

- Dean's List [2020 - 2023]
- Full-ride Scholarship Recipient
- Robotics Club Chair

2016-01 - 2018-05

Associate of Science: Electronics Technology

Federal Institute of Science And Technology - Patrocinio, Brazil

- Ranked in Top 1% of class Research Project: Autonomous Robot with Image Processing.
- Aimed to research self-driving cars technologies.
- Project Awarded at the 6th Scientific Initiation and Technologic Innovation Seminar.