

Alison Felix

Data Analyst



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📅 20/04/1995

🇧🇷 Brazilian

🎓 EDUCATION

MEng in Chemical Nanoengineering

Aix-Marseille University

2018 – 2020 | Marseille, France

Exchange Program in Materials Science and Nanoengineering

Rice University

2015 – 2016

Houston, United States

BSc in Materials Engineering and Nanotechnology

Pontifical Catholic University of Rio
de Janeiro

2013 – 2018 | Rio de Janeiro, Brasil

🏆 AWARDS

Erasmus Mundus Scholarship

European Union

2018

Brazil Scientific Mobility Program Scholarship

CAPES Foundation

2015

💼 PROFESSIONAL EXPERIENCE

Nanores Ventures

Data Engineer

2020 – 2023 | Wroclaw, Poland

- Managed, using Agile with Scrum, different teams of engineers in multiple R&D projects, with solutions mainly developed in Python integrated with DynamoDB
- Planned the technical and financial aspects of projects using the Lean Startup methodology
- Automated multiple tasks that were part of the standard services provided to clients using Python and MySQL
- Represented the company for potential clients and partners for projects, nationally and internationally

Military Institute of Engineering

Materials Engineer

2017 | Rio de Janeiro, Brazil

- Characterized film quality of photovoltaic materials used in solar cells through data processing with Pandas and NumPy
- Trained doctoral and master's students in the use of materials characterization equipment and software

Illinois Institute of Technology

Researcher

2016 | Chicago, United States

- Optimized synthesis of cathode materials using data analysis with Excel VBA, reducing synthesis time and increasing doping efficiency

🧠 SKILLS

Python (Boto3, NumPy, Flask, SQLAlchemy, Pandas)

SQL (SQL Server, SQLite, MySQL)

AWS (Lambda, EC2, S3, DynamoDB)

Web Development (HTML, SCSS, JavaScript)

CAD (Autodesk Inventor, SolidWorks)

Agile Methodology (Scrum)

Analytical Skills (Logical reasoning, Critical thinking, Research, Data Analysis, Creativity)

Interpersonal Skills (Communication, Leadership, Teamwork, Conflict Management, Empathy, Negotiation)

Problem-solving and decision making

Work effectively and efficiently under pressure

🌐 COMPETÊNCIAS LINGUÍSTICAS

Inglês

TOEFL iBT score: 106/120

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Português

Língua Materna

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