

# Alison Felix

## Project Engineer & Software Developer



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in <https://www.linkedin.com/in/alison-felix/>

🐙 <https://github.com/afelix-95>


🔗 <https://afelix-95.github.io/>

### 🎓 EDUCATION


#### MEng in Chemical Nanoengineering

Aix-Marseille University   
2018 – 2020 | Marseille, France

#### Exchange Program in Materials Engineering and Nanotechnology

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, Brazil

### 🏆 AWARDS

#### Erasmus Mundus Scholarship

European Union  
2018

#### Brazil Scientific Mobility Program Scholarship

CAPES Foundation  
2015

### 👛 PROFESSIONAL EXPERIENCE

#### Nanores Ventures

Project Engineer

2020 – 2023 | Wroclaw, Poland

- Managed, using Agile with Scrum, different teams of engineers in multiple R&D projects, mainly in the sectors of telecommunication, digitalization in logistics, and construction industry
- 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 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 Python
- 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 for fuel cells using data analysis with Excel VBA, reducing synthesis time and increasing doping efficiency

### 🧠 SKILLS

**Python** (Boto3, Flask, Numpy, Pandas, SQLAlchemy)

**SQL** (MySQL, SQL Server, SQLite)

**Web Development** (HTML, CSS, JavaScript)

**CAD** (Autodesk Inventor, SolidWorks)

**AWS** (DynamoDB, EC2, Lambda, S3)

**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**

### 🌐 LANGUAGES

**English**

Full working proficiency (C2)



**Portuguese**

Native

