

# Alison Felix

## Project Engineer & Software Developer



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🌐 <https://github.com/afelix-95>

🇧🇷 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, 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
- 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
- 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
- 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, 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**

### 🌐 LANGUAGES

**English**

TOEFL iBT score: 106/120



**Portuguese**

Native

