

# Resume

1. **Family name** Artigas Sancho
2. **First name** Julia
3. **Date of birth** 10/21/91
4. **Nationality** Spain
5. **Civil status**
6. **Education**

| <i>Years</i> | <i>Institution</i>                              | <i>Degree(s) or Diploma(s) obtained</i>    |
|--------------|---|--|
| 2014-2015    | CIRCE & Universidad de Zaragoza                 | European Masters in Renewable Energy       |
| 2009-2014    | Universidad de Zaragoza & INSA Lyon (last year) | Process engineering (Chemical engineering) |

## 7. **Language skills**

| <i>Language</i>          | <i>Reading</i> | <i>Speaking</i> | <i>Writing</i> |
|--------------------------|----------------|-----------------|----------------|
| Espagnol (mother tongue) | 1              | 1               | 1              |
| Français                 | 1              | 1               | 1              |
| Anglais                  | 1              | 1               | 1              |
| Portugais                | 3              | 3               | 3              |

## 8. **Member of a professional organization**

Fúnteni Installations et Conseil / NITIDÆ

9. **Current position** Project manager / Bioenergy & Waste / Burkina
10. **Years of experience** 4 years
11. **Key qualifications**

Process optimization

Development of agri-waste-to-energy systems

## 12. **Professional experience**

| Dates                       | Location                      | Company  | Position  | Description  |
|-----------------------------|-------------------------------|--|---|--|
| Since February 2019         | Burkina Faso & West Africa    | NITIDÆ   | Energy project manager                                  | Project manager within the frame of the AGROVALOR project : Energy valorization of agro-industrial waste in Côte d'Ivoire (funded by AFD - 2017-2020).   |
| Since 2017                  | Burkina Faso (Bobo Dioulasso) | Fúnteni Installations et Conseil               | Director  | <ul style="list-style-type: none"> <li>• Technical consultancy and equipment design for local agri-processing industries – energy, process efficiency, waste management, training.</li> <li>• Cashew Nut Shell Liquid: production &amp; derivatives. Promoting the CNSL industry in Africa.</li> <li>• Switch Africa Green (SAG) Project: Cashew shell carbonization. Testing, development of business model, share</li> <li>• Multi-country study on Cashew waste management (India + 8 African countries): diagnostics, potential for value-addition, key actors, way forward</li> <li>• Project development and project monitoring for NGOs.</li> </ul> |
| May 2017                    | Burkina Faso (Bobo Dioulasso) | Institut HEMA                                  | Teacher   | Fundamentals of Quality : <ul style="list-style-type: none"> <li>• 20h course for 3rd year bachelor students</li> <li>• 3 Qualities, Tools for Quality in companies. Certificates and labels: ISO 9001</li> </ul>  |
| January 2016 - October 2017 | Burkina Faso (Bobo Dioulasso) | Fullwell Mill                                  | Energy and Appropriate Technologies Engineer consultant | <ul style="list-style-type: none"> <li>• Consulting and technical team for agri-processing units (cashew, dried mango, cottonseed oil)</li> <li>• Development of appropriate waste valorisation technologies for cashew processing units: gasification, carbonisation, process optimisation (steam systems)</li> <li>• Training to technical staff: safety in an industrial workplace, operation of WTE solutions</li> </ul>   |
| 2015 (6 months)             | France (Agen)                 | Optim'ENR                                      | MSc internship:   | Feasibility studies on residential heating and electrification based on micro-CHP (wood & gas).  |
| 2014 (5 months)             | France (Lyon)                 | Institut de Physique Nucléaire de Lyon         | Research internship                                     | Study on thermal decontamination of nuclear graphite waste.  |
| 2014-2015                   | Zaragoza                      | Ingeniería Sin Fronteras Aragón                | Secretary at Engineers Without Borders regional branch  | <ul style="list-style-type: none"> <li>• Management of 82 members, 14 volunteers, Activities report.</li> <li>• Initiative and shared efforts within 3 local associations : organisation of event against food wastage.</li> <li>• In 2017, joint project with ISFA and University of Zaragoza: production of cashew shell charcoal in Burkina Faso</li> </ul>   |
| 2012-2015                   | Spain (Zaragoza)              | Engineering and Environment Conferences (JIMA) | Head of the Organizing Committee                        | <ul style="list-style-type: none"> <li>• 2 days, conferences + thematic visits, attendance of &gt;100 people.</li> </ul>   |

## 15. Computer sciences skills

- MS Office: advanced user Word and Excel (pivot tables, macros). Slideshows in Powerpoint and Prezi.
- Programming languages: Pascal and Visual Basic (VB). Arduino (starter).
- Engineering tools: ASPEN HySys, EES (Engineering Equation Solver).

## Other relevant information

Additional trainings :

- 2016 : Ingeniería Sin Fronteras - Mainstreaming gender (6 weeks, online) : Gender mainstreaming – Gender evaluation in programmes, projects and organisations.
- 2013 : Ingeniería Sin Fronteras - Appropriate technologies for human development (30 hours) : Project cycle – Education for development – Urban services - Energy – Food sovereignty.