

Maxime Forster

Solar technologist – Project leader

Date of birth: 28/02/1987

Nationality: French

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Areas of expertise

- Photovoltaics
- Project management
- Product testing
- Lab/workshop management
- SOPs implementation
- Technical training
- Data analysis
- Troubleshooting

Work-related interests

- Intercultural exchange
- BOP market
- Energy system design
- Operations
- Logistics
- Customer need finding
- Customer finance

Languages

French: Native speaker

English: Fluent

Spanish: Intermediate

Swahili: Basic

Computer skills

Full proficiency:

MS office, Google Apps, Origin, MS Project, SQL

Intermediate: *PhP, R, Python, ImageJ, VBA*

Basics:

Solidworks, Labview

Enthusiastic traveler

Eastern Europe (2006), Ireland (2007), Croatia (2008), US (2010 and 2012), Japan (2010 and 2011), Australia (2011 and 2012), Brazil (2013), China (2013 and 2014), Colombia (2014), Zimbabwe and Zambia (2015)

References available on request

Summary

Internationally experienced engineer with previous leadership roles developing and distributing solar technologies. Excited to make profit of my technical background and management skills to support innovative companies spreading clean energy services in underserved regions.

Experience

Since Jan. 2015:

Technical Manager at EGG-Energy Inc., Dar-es-Salaam, Tanzania

- Benchmarking, testing and integrating 4 new products into EGG's portfolio of PAYG SHS
- Managing after-sales, keeping customer satisfaction >95% and portfolio at risk<5%
- Supporting EGG's operations by developing, improving and implementing processes (installations, after-sales, product assembling/testing and troubleshooting procedures)
- Designing, developing and maintaining EGG's ICT backend for operations management (cloud-connected customer database, mobile apps and mobile money payment platform)

Oct. 2009 – Dec. 2014:

R&D Project Manager at Apollon Solar, Lyon, France

- Development of disruptive technologies for photovoltaic cell and module manufacturing
Filed 3 patents related to silicon and solar cell manufacturing
- Management of R&D projects from lab demonstration to industrial implementation
- Coordination of collaborative projects with multiple industrial and institutional partners
- Transfer of technologies to world leading solar cell and wafer manufacturers (China; Japan)

Apr. 2009 – Sept. 2009:

Process engineer at Calisolar Inc., Berlin, Germany

- Monitoring and optimization of anti-reflection coating deposition process for solar cells
- Management of a solar cell pilot production line (30 kWp/week)

Oct. 2008 – Mar. 2009:

Research assistant at the Nanotechnology Institute of Lyon (INL), France

- Advanced characterization of multi-crystalline silicon solar cells

Education

Nov. 2009 – Dec. 2012:

Doctor of Philosophy, Australian National University, Canberra, Australia

- PhD thesis title: Compensation engineering for silicon solar cells
- 16 papers published in peer-reviewed scientific journals (100+ citations); 8 talks at international conferences (<http://www.scopus.com/authid/detail.url?authorId=37028271600>)
- Best student presentation award at the 38th IEEE PV specialists conference (Austin, 2012)

Oct. 2004 – Sept. 2009:

Master of Science and Engineering, INSA de Lyon, France

- **Master of Science:** Integrated electronic devices (Oct 2008 – Sept 2009)
- **Master of Engineering:** Materials Science and Engineering (Oct. 2004 – Sept. 2009)
- Generalist engineering education: Semiconductors, **Power Electronics**, Materials processing (Metals, polymers, composites, ceramics), Mechanics, Project management