

POSITION DETAILS

TITLE: Electrical Engineer

LOCATION: Philadelphia, PA

HOURS: Standard business hours

TRAVEL: Minimal (<5%)

JOB TYPE: Salaried (compensation competitive and commensurate with experience)

BENEFITS: All employees receive access to our health insurance plan (we cover 75% for employees, spouses and children), leave policy, 401K with match, and a stock option grant

OVERVIEW

ConnectDER is currently looking for an experienced, accomplished, and self-motivated Electrical Engineer to help develop the Smart ConnectDER product family. The Electrical Engineer will work across a variety of functional groups that are directly involved in product development and implementation. The ideal candidate is an experienced electrical engineer that is interested in performing hands on technical work with a team of skilled product developers. This is a fantastic opportunity to join an innovative company that puts no limits on personal achievement and success.

IDEAL CANDIDATE QUALITIES

SELF-MOTIVATED – able to get up to speed quickly and work effectively without a lot of supervision

CURIOUS – interested in acquiring new skills and learning about new topics

ORGANIZED – able to document and communicate work effectively

THOROUGH – someone who drives issues to resolution and promotes clarity

EXCITED BY DRIVING CHANGE IN THE WORLD – motivated by the idea of “if not for me/my work, this important thing would not have happened”

The position is ideal for you if you have an interest in renewable energy, grid technology, and manufacturing and are looking to join an innovative, rapidly growing company.

COMPANY

ConnectDER (www.ConnectDER.com) represents part of the next generation in US-based product development. Our goal is to quickly generate new technologies targeted at surmounting barriers in the distributed generation and smart grid industry.

Our flagship product, the Smart ConnectDER, is a plug-and-play interface for rapidly connecting residential solar photovoltaic systems to the grid and managing them using embedded telemetry and communications.

We currently have a robust development schedule in addition to ramping up manufacturing and delivery of the existing products. We are a small company with a growing book of work to support.

JOB DUTIES

- Execute technical specifications
- Develop firmware and/or hardware
- Work collaboratively with technical product development team
- Provide technical support for sales and field deployment activities
- Manage day to day engineering project tasking
- Participate in QA procedure development

WHAT SUCCESS LOOKS LIKE

Successful candidate will have done the following 3-4 BIG TICKET things in within the first 6 months onboard

- Have a complete understanding of the ConnectDER hardware and firmware architecture.
- Have a working knowledge of the development tools. (Altium, Code Composer Studio, Microsoft Visual Studio, etc...)
- Develop a collaborative relationship with engineering team.
- Take ownership of one of the ConnectDER product development swim lanes.

CANDIDATE REQUIREMENTS

Needs

- 2+ years embedded system experience

- BSEE or BSCS minimum
- IoT experience
- C programming skills
- Demonstrated troubleshooting capabilities
- Design for manufacturability experience
- Excellent written and verbal communication skills
- Ability to work independently on long term tasks
- Preference for working in a fast-paced startup environment
- Present in Philadelphia Office

Wants

- Power Electronics experience
- Electrical Utility industry background
- DSP background
- TI and CCS product familiarity
- Altium Design Suite experience
- UL experience
- ANSI experience
- High level Cloud development comprehension
- Interest in grid integration of renewable resources

CONTACT

Interested candidates should apply by contacting ConnectDER at careers@connectder.com. Please include a resume in PDF format and at least one professional reference.