



SOFTWARE ENGINEER AT ENERGY SOFTWARE STARTUP

Please send your resume to careers@newgridinc.com, referencing the Software Engineer position in the email subject.

NewGrid is a MA-based cleantech software startup set on making the bulk electricity grid more efficient, reliable, and green energy friendly. NewGrid's optimization software technology enables a significant increase in the utilization and transfer capacity of the transmission grid without any new hardware by re-routing flow around congested bottlenecks. The transmission capacity unlocked by NewGrid software increases access of renewable resources to the power grid while improving grid reliability and reducing the cost of electricity.

Our team is made of engineers, researchers, software developers and economists who jointly have decades of experience in power systems and energy markets analysis and design. NewGrid's founders are at the forefront of electricity industry innovation and have successfully launched other startups. With DOE ARPA-E support and collaborating with the largest grid operators in the US, our founders led the first ever team to identify and implement practical grid reconfigurations for application to large-scale power systems.

NewGrid clients and partners include power system operators in North America and Europe, electricity transmission companies, international renewable energy companies, and consulting firms serving the utility industry.

NewGrid is actively engaged in the cleantech ecosystem in the US and abroad. NewGrid is a member of Greentown Labs, the largest cleantech startup incubator in the United States, and a founding member of the WATT coalition of advanced transmission technology companies. NewGrid has been supported by DOE ARPA-E, MassCEC, MassVentures and the National Science Foundation.

The position location is in Somerville, MA.

RESPONSIBILITIES:

- Design, develop, test, deploy, maintain, and improve NewGrid software, including desktop and cloud applications.
- Manage individual project priorities, deadlines, and deliverables.

MINIMUM QUALIFICATIONS:

- BS degree in Computer Science, Electrical Engineering, Mathematics, similar technical field of study or equivalent practical experience.
- 1+ year of experience in relevant professional software development.
- Demonstrated experience with Python and other general-purpose object-oriented programming languages.
- Excellent written and verbal communication skills.
- Excellent interpersonal skills.
- A US citizen or permanent resident.

PREFERRED QUALIFICATIONS:

- Master's, PhD degree, further education or experience in Computer Science, Electrical Engineering or other related technical field.
- Background in electric power systems and in power system analysis software.
- Experience with UI/UX design and development.
- Strong command of Python.