DATA SCIENCE INTERN
AT ENERGY SOFTWARE STARTUP

Are you passionate about working with geographic datasets? Do you want to work at a fast-paced startup? Do you care about green energy and want to make a difference in fighting climate change? 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 up 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 has a fast-paced work environment and we seek talented employees who crave learning new skills and aren't afraid to tackle big projects. As an intern you will get to work with our senior and executive staff and will work on real projects that will help us grow.

Our ideal candidate is someone who is passionate about data and software development, is detail-oriented, and can work autonomously without shying away from responsibility.

What You Will Learn:

- How to work with geographic datasets

- How to use Python to perform analysis

- How to communicate with third-party software using external APIs

- How to develop, automate and run unit tests

- How to implement a UI using PyQt or a website using Vue.js

- How to perform UI usability testing

- Much more – you will work closely with our engineering team

What We Require:

- A resident of MA or a student studying in MA in a STEM undergraduate program in the freshmen or sophomore year (applications from juniors, seniors and graduate students will not be considered)

- A US citizen or permanent resident (applications from non-citizens or residents will not be considered)

- Knowledge of Python and MS Excel

- Experience with the following would be an asset but are not required: Git, GIS and Vue.js

- Ability to work in a highly organized and meticulous manner; ability to prioritize time-sensitive assignments

- Ability to learn quickly and independently

The position start and end dates are negotiable. Interns are expected to work at least 16 hours a week (40 hours a week is strongly preferred), for at least 12 weeks.

If this sounds interesting, we want to hear from you. Please send your information to careers@newgridinc.com, referencing the Data Science Intern position in the email subject.