

DATA SCIENCE INTERNSHIP

ARTIFICIAL INTELLIGENCE FOR SMART BUILDINGS 6-MONTH MINIMUM SINGAPORE OR LYON/FRANCE

COMPANY INFORMATION

BeeBryte is using artificial intelligence to get commercial buildings and factories to consume electricity in a smarter, more efficient and cheaper way while reducing their carbon footprint.

Our software-as-a-service (SaaS) is minimizing utility bills with automatic control of heating-cooling equipment (e.g. HVAC), pumps, EV charging points and/or batteries. Based on weather forecast, occupancy / usage and energy price signals, BeeBryte generates up to 40% savings.

To control those electrical equipment, we install a Box in the building. The Box includes an IoT Gateway and submeters. It is connected to the electrical main switchboards and either to the BMS, automation system, SCADA or power inverters.

BeeBryte is supported by Intel and has offices in Singapore & Lyon/France.

Our mission is to empower customers to gain access to cheaper, cleaner and smarter energy by re-inventing the electricity future with both digital and business model innovations.

Come & join us!! www.BeeBryte.com

INTERNSHIP REQUIREMENT

Description of the job scope:

- Create novel artificial intelligence algorithms specialized for energy applications
- Develop predictive models for energy consumption, production and price signals
- Model complex optimization problems and define suitable algorithms
- Develop the corresponding code and create a functional prototype
- Conduct simulations and tests
- Write case studies, user manual and reports.

Qualifications:

- Enrolled for a degree in Computer Science, Computer Engineering or Applied Mathematics
- Mandatory coding experience in Python
- Advanced knowledge of Software engineering practices including agile processes
- Prior experience with deep learning frameworks such as Tensorflow is a plus
- Strong quantitative, analytical, modeling and algorithmic problem-solving skills
- Excellent oral and written communication skills in English
- Ability to handle multiple responsibilities in a small, fast-paced environment

APPLICATION PROCESS

Send CV + Cover letter to patrick.leguillette@beebryte.com
(include availability dates & preferred office Singapore vs Lyon/France)

Internships of less than 6 months and applications without cover letter will not be considered.
Make sure you indicate why you want to join BeeBryte and why you think we should hire you.

Only shortlisted candidates will be contacted.