Position Announcement · March 2021

Researcher and Software Developer - Deep Learning for Text and Impact Optimization

Full- or Part-Time Position in Vienna, Austria

Do you have a passion for novel solutions to challenging technical problems? We seek an outstanding candidate to join our R&D team in Vienna's 9th district. Help us advance the state of the art in *Scalable Semantic Systems, Artificial Intelligence, Deep Learning and Language Models.*

Pursued together with leading media and technology partners across Europe, our projects are supported by the European Union's *Horizon 2020 Program* and the *Austrian Research Promotion Agency* (www.weblyzard.com/research; www.gentio.eu). As part of a dynamic and interdisciplinary team, you will participate in a fast-paced and innovative R&D environment and help deploy award-winning technology showcases together with major international organizations such as the *United Nations Environment Programme* and *NOAA Climate.gov* (www.weblyzard.com/showcases).

ESSENTIAL QUALIFICATIONS

- Analytical skills and extensive software development experience (Python or Java),
- Good understanding of machine learning principles (training, validation, etc.),
- Deep learning frameworks and libraries (e.g., PyTorch, Tensorflow or Keras), ideally with a focus on Natural Language Processing (NLP) applications,
- Database systems such as PostgreSQL or CockroachDB.

DESIRED QUALIFICATIONS

- Experience in DevOps best practices, testing frameworks and CI/CD, bash scripting,
- Scalable content processing pipelines,
- Optimizing algorithms and architectures for stream processing,
- Automated deployment and testing of distributed architectures including:
  - continuous integration (GitlabCI, TravisCI) and
  - container orchestration (Kubernetes, Docker Swarm).

We offer full-time, part-time (e.g., current computer science students) and PhD candidate positions. Salaries are based on qualifications and experience, e.g., EUR 44,000 gross per year (full-time, 40h) for candidates with a recently completed master's degree. *WU Vienna* and *webLyzard* are equal opportunity employers and strongly encourage qualified women to apply. Please send your application including cover letter, CV and academic transcript to careers@weblyzard.com (in English or German; preferably as a single PDF file not exceeding 8 MB).