BACKEND WEB DEVELOPER

Neurala, Inc. (http://www.neurala.com) is a software company that developed The Neurala Brain—deep learning neural network software that makes smart products like inspection cameras, robots, drones, toys, consumer electronics and self-driving cars more autonomous, engaging and useful. Neurala software is based on extensive research and development efforts, including technology that Neurala developed for NASA for planetary exploration and for the U.S. Air Force Research Labs.

Are you interested in finding ways to apply your Software Development skills to help shape the next generation infrastructure that will power Artificial Intelligence in a variety of application domains? You will be directly involved in the deployment of cloud service, and will work closely with Neurala’s product team to set up and maintain our server infrastructure.

As a Developer, you will:

- Collaborate with the Neurala’s product team to deploy cloud based machine learning software.
- Setup and maintain Neurala’s computer park and servers.
- Provide input on possible task automation.
- Help deploying security tools to protect Neurala’s IP.

Skills:

- Strong analytical reasoning, UI/UX design, organizational, communication, and prioritization skills.
- Good time management skills; must be able to meet deadlines in a timely manner (add hours, if needed).
- Expertise with front end languages (CSS, HTML5, Javascript, etc)
- Expertise in at least one of the following: User interface design, Web Application design.
- Experience with at least one front end framework such as Bootstrap.
- Strong understanding of Web service frameworks: REST and related.
- Experience with at least one web server technology: Django, NodeJS, Ruby on Rails, Java Servlets.
- Experience in development with Unix/Linux environments.
- Experience in software containerization (Docker) and cloud services (AWS) a plus.
- Experience in C/C++ and CMake a plus.
- Fluent in English.
- B.A/B.S. or higher degree in Computer Science, Software Engineering, or relevant engineering degree desired, but not required.

Qualification:

Master Degree Course of PhD course in Machine Learning, Computer Science, Engineering, or equivalent

Stipend - Neurala will pay a $1300 monthly salary to the student

Preferred starting date - June 1, 2017

Duration of the internship - Maximum 12 months

How to apply? - Please send your CV at zoltan.denes@unipd.it