NOVIT.AI

DESCRIPTION

Novit.AI is a London-based start-up developing novel machine learning solutions to achieve true global intelligence. We combine information from radar and multispectral satellites with our globally deployable Edge AI devices to gather and disseminate insights. We are now seeking engineers who are makers at soul to help us create the next generation of intelligence on earth.

Contact us with your CV and your github/gitlab/personal website via **careers@novit.ai**

Location:

Ankara, Turkey – Novit.AI @ ODTU Teknokent

The Role:
As an Embedded Software Engineer, you will be a core member of the team in developing our Edge device. Ideal candidate would be passionate about creating novel IoT products, excited about creating both hardware and software. You must be a self-starter, responsive, flexible, and able to succeed within an open collaborative peer environment.

The ideal candidate:
· Enjoys working side by side with partners, colleagues and teams on tough problems
· Is highly effective and thrives in a dynamic environment with multiple, changing priorities
· Is comfortable with proactive outward communication and technical leadership and never shies away from a challenge

BASIC QUALIFICATIONS

· BSc degree in Computer Science, Computer Engineering, Electrical Engineering or related engineering field
· Native level fluency in Python
· Excellent command of written and spoken English
· Experience in computer architecture and embedded wireless systems
· Experience with development tools like git version control system, ssh, gcc and make
· Embedded development experience in C, and familiarity with ARM CPUs or ESP32
· Knowledge of Unix/POSIX environments and embedded Linux
· Experience with writing low-level drivers, interrupt service routines and general troubleshooting/debugging with hardware

PREFERRED QUALIFICATIONS

· Master's degree or higher in Computer Science, Computer Engineering, Electrical Engineering or related field
· Experience with one or more commercial wireless protocols like LoRa, ZigBee, BLE, or WiFi
· Experience in firmware development and testing of battery powered products
· Experience in developing enclosures: AutoCAD, 3D Printing, CNC-Milling, Mechanical Design, IP65 requirements
· Experience with common bus protocols such as SPI, I2C, CAN and UART
· Experience with software testing (unit, regression and system testing) is a plus.
· PCB design experience is an advantage
· Familiarity with numerical and data science tools: PyTorch, NumPy is a plus
· Prior experience with multi-system bring-up or wireless networking protocol design/implementation is a big plus