

## Job Description

Since 2004, the AIZO Group technology experts have been striving to transform electrical wires in smart data networks. The 3 brands of AIZO Group are eSMART Technologies, digitalSTROM and ONE Smart Control. With over 25.000 homes installed and over 650.000 devices connected, they look forward to making living more safe, comfortable, and sustainable for everybody in Europe. As part of its rapid development, the AIZO Group is currently recruiting for its *R&D Team*:

### Embedded Software Engineer

*Responsible for the design, development, test, and maintenance of embedded software for our smart home system.*

#### Your mission

- Conception, specification, design, development, documentation, and test of embedded software over the whole development process, from idea to market.
- Design, review and provide feedback on the software-specific aspects of embedded hardware design.
- Software maintenance for existing products, according to our change management process.
- Provide third-level support related to embedded software and system.

#### Requirements

- Bachelor's degree in Electrical Engineer, Computer Science or similar. Master is a plus.
- More than 3 years of experience in embedded software development (design, coding, test and review) in C or C++ is required.
- Being familiar with DevOps practices (continuous integration) and Agile methodologies (Scrum) is a must.
- Knowledge of gcc, git and eclipse is required. Expertise of real time systems/digital signal processing and digital communication is a plus.
- Experience with ARM micro-processors is a plus.
- Fluent in spoken and written English. Some knowledge in French/German is a plus.
- You are a good team player and would be happy to share your knowledge and experience with the team. You are aware of your responsibilities, and work quality-oriented with independence.

#### Benefits

- Great independence in a pleasant and flexible work environment.
- Ambitious projects with a solution-oriented approach.
- A chance to be part of the development of a dynamic company.
- A modern and dynamic workspace, with collaboration spaces, and much more to discover (free coffee as well)!

Keen to also hear from candidates with less professional experience but who can show an aptitude for learning. Eg. Msc + 6 months embedded software experience in a professional environment (master thesis at a company).

The role could suit a recent PhD graduate or someone who is about to graduate but who can demonstrate embedded software development experience.

<https://myesmart.zohorecruit.com/jobs/AIZO-Group/582473000001634033/Embedded-Software-Engineer?source=CareerSite>

Note: This role provides no referral fee. Please no recruitment agencies.

Η θέση είναι στην Ζυρίχη (προάστιο Schlieren), σε εταιρία (digitalStrom – eSmart Technologies merger - Aizo group) με 16 χρόνια εμπειρία στον χώρο του οικιακού αυτοματισμού (home automation), αναζητά μηχανικό ενσωματωμένου λογισμικού (embedded software engineer). Η καινοτομία των προϊόντων της εταιρείας βασίζεται σε συστήματα επικοινωνιών μέσω γραμμών ηλεκτρικής ισχύος (powerline communications), με την βοήθεια ειδικά σχεδιασμένου (custom) τσίπ (I.C.).

Η υποψήφια/ος θα προγραμματίζει εφαρμογές και device drivers σε μικροελεγκτές, με την βοήθεια μηχανής ιεραρχικής κατάστασης (hierarchical state machine framework) σε C ή C++. Ο υποψήφιος θα δουλέψει στην τρέχουσα και επόμενη γενιά προϊόντων (new product development) της εταιρείας. Η γκάμα των προϊόντων στην οποία θα δουλεύει ο υποψήφιος είναι: ρυθμιστές έντασης φωτός (dimmer), ρυθμιστές θέρμανσης/ψύξης (heating/cooling module), ρυθμιστές περσίδων παραθύρων (window blinds/lamella module), μονάδα εισόδου αισθητήρα (sensor input module), μονάδα εισαγωγής διακόπτων (push button input module), κουμπιά πανικού και μονάδα ελέγχου εξόδου (output module). Ο υποψήφιος θα δουλέψει στην ανάπτυξη νέων προϊόντων με σύγχρονα εργαλεία και τεχνολογίες του τομέα.

Δωρεάν καφές και φρούτα. 1-2 ταξίδια των χρόνων στα κεντρικά της εταιρείας στην Λοζάνη. Developer Week – Συνάντηση με όλους τους συνάδελφους και εξωτερικούς συνεργάτες για μια εβδομάδα τον χρόνο. Δυνατότητα δωρεάν εγκαταστάσεις των συσκευών στο σπίτι του υποψήφιου. Περιορισμένη δυνατότητα δουλειάς από το σπίτι. Night skiing team building event (once per year). Lunch and a quick swim in the Limmat river during the summer heat (4-5 times per year).