Internship Electrical Engineer – Hardware

Company Description

TESO is an innovative IT solutions company committed to helping customers around the world to transform their cutting edge ideas into real products. As a provider of information and communications technology, TESO is a reliable partner in hardware, mechanical and software design. Company's expertise lies in high speed professional video solutions, embedded multimedia signage systems, low power IoT products, cyber security and blockchain.

Our team of experienced engineers and product development experts has respectable know-how which covers a wide scope of technologies and approaches, so clients can be offered optimal solutions for any technology challenge they want to solve.

We are the place where a customer comes with a dream of a project, and we help that dream come true!

As an employer, we cherish the work atmosphere where people selflessly share knowledge and ideas. We want everyone's voice to be heard, and believe that is the only way to move forward. For us, hierarchy exists to help projects happen, not to create artificial boundaries or limit anyones space for growth.

We want our employees to grow and lead within the TESO team.

About project and team

TESO hardware team is in charge of the development of the latest technology solutions in areas of video/audio embedded products and embedded IoT solutions for a number of international clients.

Job Description

What are you going to do?

- Design and develop hardware for electronic devices
    - Creating schematic diagrams
    - Designing PCB layouts
    - Troubleshooting and debugging hardware issues
    - Analyzing and evaluating hardware designs to ensure they meet performance, cost, and reliability requirements
    - Documenting all design and testing activities, including specifications, test plans, and results.
- Embedded software development
    - Writing microcontroller software
    - Embedded Linux driver

- RTOS software
- Writing test cases in Python
- Following v-cycle software development including git source control, Continuous integration, testing and deployment
- You will participate in the agile software development processes including refinement sprint planning, iterative development, sprint review

Qualifications

Who are you?
- You have bachelor's degree (or final year of studies) in electrical engineering
- You have a solid knowledge of electronics
- You have a solid knowledge of programming languages such as C, C++ and Python
- You have a experience with programing embedded devices
- You have a experience with hardware prototyping and testing
- You have a experience using oscilloscope and multimeter
- You have a solid knowledge of English language
- You are a team player with good communication skill
- You have ability and desire to learn new technologies

You are a perfect match if:
- You are eager to work with the newest technologies,
- You are proactive and you adapt easily to new development environment, but don't worry, we will be there every step of the way, supporting each other
- You are self-motivated and take ownership of your tasks and projects
- You're a team player and offering and receiving feedback comes naturally
- You're not afraid to think outside the box and try to find creative approaches to your challenges

The space to grow with us:
- Opportunity to develop the latest electronic gadgets, such as IoT and wearable devices
- Opportunity to Linux kernel and RTOS programing
- Opportunity to work on design of high speed, multilayer PCB boards
- Chance to learn about electronic product development and hardware manufacturing process
- Opportunity to work with an experienced team of technology and industry professionals eager to share knowledge
- Build up yourself as engineer and suggest technologies that should be applied on our IT solutions

The way we work:

Your work-life balance is valuable to us, so we offer you:

- 22 – 27 days of annual leave, because work-life balance is essential to us
- Flexible working hours
- Partial remote work

Your health and well-being are important to us, so we have you covered:

- Medical subscription for annual health check ups
- Paid private health insurance

We believe in a Life-Long Learning approach, so you can take advantage of:

- Technical and soft skills trainings
- Access to e-learning platforms

If you see yourself as a part of an innovative product company where you contribute to developing end-to-end products to global customers and users, we may be a great match. Looking forward to your application!

Please send you application with your CV to office@teso.rs