Open position: Electronics Engineer

Institute IRNAS Rače is a research organization that specializes in rapid development and prototyping of IoT systems and other devices. Beside leading in-house development for our own projects we offer development, prototyping and small series production as a service to customers from industry as well as research sector. Two of our main projects that we have created in the last year are the telecommunication system [KORUZA](#) and [Vitaprint 3D bioprinting platform](#). We have also led the development of various innovative wildlife conservation IoT projects. You can read more about our projects on our [web-page](#).

We are young, interdisciplinary team of researchers and developers from fields of electrical, mechanical and software engineering, applied biology, mathematics, data analysis and also acoustical, medical and bio engineering. We encourage research and testing of one's ideas and design and development of useful and sustainable solutions together with our international partners

We are looking for electronics engineer, which would like to work on the development of embedded systems for IoT applications and control systems.

Main tasks and responsibilities:
- development of IoT devices (NB-IoT, LoraWAN …) – specific experience not needed,
- development of embedded systems with microprocessors, ARM controllers,
- construction of printed circuit boards and prototype building (Altium, Kicad...),
- independent performance of consulting work,
- active collaboration with other team members,
- preparation of technical documentation.

We expect:
- at least Bachelor's degree in natural or technical science (students in their senior year are welcome),
- working experience are desirable but not required,
- already published open source projects are desirable,
- computer skills: programming skills, primary C for embedded devices, usage of EDA tools for

- construction of printed circuit boards, basic knowledge of programming languages, for example
- Python or similar,
- active knowledge of English language,
- self-initiative, thoroughness and responsibility,
- capability of working independently

We offer:
- work on the interesting development challenges in the centre of Maribor,
- possibility of personal and professional growth,
- active collaboration on projects with international partners,
- technical support and encouragement with development of your own ideas,
- work on your own projects with available equipment and resources,
- stimulative payment according to organizational policy,
- internship possibility for students,
- one month probation period with the possibility of full time employment contract,
- start: in the beginning of June or as agreed.

Application procedure:
The position will remain open until we find the suitable candidate. The candidates need to send an application via email to hr@irnas.eu, which should include:
- CV in English,
- letter of motivation in English (500 words),
- presentation of your projects and/or other information about your work according to your judgement.

Later updates of incomplete application will not be possible. Incomplete applications will be automatically rejected. Selected candidates will be invited to complete a small construction challenge and will be given a possibility to present and build the suggested construction solution. We are available for additional information on hr@irnas.eu.