Open position: Electronics Engineer

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Institut IRNAS Rače is a research organization that strives to apply the vast scientific knowledge to everyday reality by creating effective and affordable systems. We believe in an open-source world and sharing, thus we aim to empower the world with technologies that improve lives, let that be an advanced communication system or a simple everyday utensil.

We are looking for a curious electronics engineer, who will be motivated to work on the development of open hardware embedded systems for optical communication, for control of the devices and machine tools. We encourage research and testing of one's ideas and design and development of useful and sustainable solutions together with our international partners.

In the last year we've started various successful open hardware projects, which is why we're looking for new people to join our team. You're welcome to read more about our work on our website.

Main tasks and responsibilities:

- development of control systems for wireless optical system KORUZA,

- development of open embedded systems with microprocessors, ARM controllers and CPLD/FPGA,

- construction of printed circuit boards and prototypes building,

- 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 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, Arduino/Energia environment, 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 center 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: as soon as possible.

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.