

NOVELIC is a high-tech company developing products in the fields of sensors, industrial electronics and wireless communications. We cover all subsystems of a modern electronic product under one roof: Embedded HW/FW, FPGA, ASIC, RF IC, etc. NOVELIC has dynamic and creative working environment with excellent working conditions. Responsibility and opportunity to lead and drive the projects is given. Stable long-term career roadmap for proven team members is our goal, so as yours.

**We invest in excellence, offer excellence and ask for excellence.**

**We are pleased to enable students of the final years to be a part of our internship program in the area of:**

## DSP for IoT Radar Sensors

As an intern within Novelic internship program, you will have the opportunity to work on projects requiring solid digital signal processing background. You will be responsible for developing various radar and communication algorithms, including their implementation in various FPGA/FW/DSP platforms. During learning process, you will closely collaborate with our experienced engineers as a part of a small and efficient team.

### What competences we are looking for:

- Final year/master studies student at relevant University in area of Electronics
- Strong theoretical background in analog and digital electronics
- VHDL/Verilog, Matlab/Simulink and Python are an advantage
- Solid knowledge of English, both written and spoken

### As a part of our team you should be:

- Interest in solving complex and time critical problems
- Positive, motivated and eager to learn new things
- Able to think creatively and produce "outside of the box" solutions
- Prepared to tackle new technologies

### Reminder:

#### **Internship program is with scholarship provided**

If completion of the internship were to be successful, results can be used for writing of B.Sc. or M.Sc. thesis, subject to approval by the supervising professor at the University and Novelic. Moreover, satisfying results of the full-time internship will increase the chance of full-time position within the Novelic Design Centre in Belgrade to the graduated intern.

If you are interested in internship in a dynamic environment with possibility to improve knowledge in the area of DSP and to work with some of the best engineers, send us your CV and a brief motivation letter in PDF format to the following e-mail: [internship@novelic.com](mailto:internship@novelic.com) with following subject: <NIC\_Internship\_DSP\_YourName>.

For more insight visit our website: [www.novelic.com](http://www.novelic.com)

We look forward to meeting you!

NOVELIC team