

NOVELIC is the radar and perception solutions provider. We provide radar sensor platforms, products and solutions, custom-made or ready to use. We do engineering services for vehicle perception systems for autonomous driving and ADAS, based on automotive infrastructure. NOVELIC develops, tests, and organizes manufacturing of electronic products for Industrial and IoT niche applications. Our portfolio is supported by strong competence, quality of work, and a holistic approach gathering all modern electronics fields and software engineering under one roof, connected through lean principles and processes. NOVELIC has a dynamic and creative working environment with excellent working conditions. A 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:**

## Digital IC Design

As a part of the Digital IC Design team, with mentorship, you will take part in creating and refining the design requirements up to the architecture level, creating/upgrading RTL design of various blocks starting from simple components up to the complex IPs, creating systems that comply with common industry standards for the complex SoC. You will learn important aspects of CDC/RDC, how to optimize PPA (Power-Performance-Area) of your design, how to write and run basic tests to validate the functional correctness of your design and so much more.

### What competences we are looking for:

- B.Sc./M.Sc. in Electrical Engineering (Electronics), or a final year student
- Coursework focusing on digital logic design
- Understanding of mixed-signal and RF is considered a plus
- Understanding the FSM design, uC architectures is considered a plus
- Familiarity with RTL structures in VHDL or Verilog is considered a plus
- Basic C knowledge is required
- Basic knowledge of at least one scripting language (Perl, Python)
- Good debugging skills
- Experience in digital IC design, verification, synthesis, STA, or silicon prototyping is considered a big plus
- Good written and verbal communication skills in English

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

- Interested 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:

#### The internship program is with a 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 a full-time position within the Novelic Design Centre in Belgrade to the graduated intern.

If you are interested in an internship in a dynamic environment with the possibility to improve knowledge in the area of Digital IC Design 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).

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

We look forward to meeting you!

NOVELIC team