



Internship offer form

The following template provides the minimum information necessary to register and promote an internship in the framework of the Greenchips-EDU project. Partners may use their own template as long as they satisfy at least the information requested in this template.

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|---------------------------------|--|
| Position ID | Internship on Silicongate Lab |
| Company | Silicongate Lda |
| Title | Mixed Signal Test Automation |
| Location | Silicongate Lda, R Alves Redol, 9 |
| | 1000-029 Lisboa, Portugal |
| Subject area¹ | Microelectronics engineering |
| Description | PCB design, test setup preparation, test script writing, characterization test debug, automatic test report production |
| Goals | Obtain basic skills on PCB design, programming a test sequence, analyzing test results and produce a test report |
| Start date | May 5, 2025 |
| End date | June 29, 2025 (8 weeks) |
| Weekly workload | 40 |
| Grant | 1000 euros (all included, after taxes) |
| | |
| Student profile | Bachelor (ongoing MSc) |
| Number of students | 1 |
| Minimum requirements | One course on power electronics. Basic knowledge of linear and switch regulators. |
| Desired requirements | Python, Altium software |

Please note that in the case of Greenchips-EDU funded internships, the evaluation criteria must also be included in the form.

¹ The subject area will be related or relevant to the topic of the GreenChips-EDU project. Examples are: *Electrical Engineering, Information and Computer Engineering, Microelectronic Engineering, Digital Engineering, Power Electronic Engineering, Sustainability related studies in the field of STEM studies, etc.*