ZURU™

ZURU Tech Academy

General Program

TARGET AUDIENCE

Talented software engineers passionate about object-oriented programming, not sufficiently skilled in **C++** and/or **Unreal Engine 5.1**: computer scientists, mathematicians, physicists, skilled in C#, or Python, Rust, Scala, Ruby, Swift, Dart, Go (profiles with rich and active Github profile).

GOALS

- Offer the teaching of a complex language such as **C++** in a professional manner, together with the use of the best Graphic Engine on the market (**UE5.1**).
- Fill the gaps for new hires at the onboarding stage to bring them up to **entry-level Zuru Tech standards**, learning to write quality code right away.
- Reduce the workload to train new team members during the onboarding phase.

MODULES
(Online)

- Use of **Gitlab** software
- **C++** and Zuru Tech Coding Style
- Accelerated course on **CMAKE** (only for integration or interaction with external libraries)
- Accelerated course on **Agile** methodologies and practices
- **Unreal Engine** (including self-tests)
- Security for Design/Software Architecture / UML - ZURU TECH ECSS
- Procedural Geometry
- Agile methodologies with Scrum Master
- Meeting with Tech Lead
- Meeting with HR team about ZURU Culture

FINAL EXAM
(In sede)

Creation of a **Mini-BIM** in C++ with Unreal Engine 5.1 (30 days of execution by the student + review by the trainer). Feedback meeting with Tech lead and Buddy.

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COURSE FORMULA

Mix of online lessons + exercises/projects on GitLab/GitHub as follows:

Frontal lesson from 2 to 4 hours a day with an online trainer
+ individual or couple programming exercises
+ project
+ self study

Month 1 online frontal lessons: 40h
Month 2 online frontal lessons: 40h
Month 3 online frontal lessons: 25h
Month 3-5 in presence: Mini-BIM Project (120h - Based in Modena/Milan) and placement in the company as a Junior figure

CONTRACT FORMULA

Part-time fixed-term contract at 800€ monthly fro the first 3 months.

Once the final test has been passed, a further 3-month full-time fixed-term contract will be offered with the role of **Junior C++ Software Engineer**, 4th level of Commerce, RAL 27-29K, meal vouchers, hybrid work policy.

CONTACTS

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