

Document Information

Team	Various
Position	Industrial Year Internship
Contact Person	Steven Heighway (steven.heighway@simulity.com)

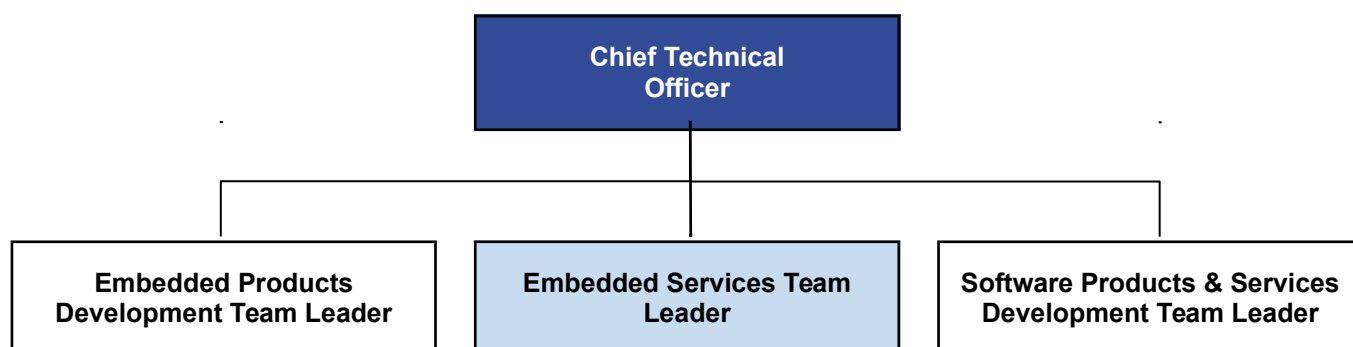
Role

The role of the industrial year internship includes the following tasks.

- **Develop software products** used to produce and maintain millions of SIM/USIM cards.
- Handle **embedded systems testing**.
- Handle **software testing** within various programming languages including Java, JavaFX, HTML, CSS, and Groovy & Grails.
- Handle **1st level customer support** after building knowledge of Simulity's products, tools, and services.

Reporting

Our technical department is structured in three technical teams as described in the below chart.



The Industrial Year Intern reports to the **Software Products & Services Development Team Leader** within the team they are assigned.

Location

The Industrial Year Intern position is open in our Welsh office located at the following address: **Unit 8, Ash Court, Parc Menai, Bangor, Gwynedd, LL57 4DF, Wales, UK.**

Responsibilities

The below table summarises the main responsibilities that the Industrial Year Intern will have to tackle.

Responsibility	Description
Embedded Systems testing	<ul style="list-style-type: none"> ▪ Be the last line of testing before SIM cards go live in the real world. ▪ Ensure high quality deliveries of our products. ▪ Produce detailed reports on the results of all tests.
Software testing	<ul style="list-style-type: none"> ▪ Usability, JUnit, and FEST tests on software products.

	<ul style="list-style-type: none"> ▪ Report issues found to product owner via JIRA software. ▪ Provide functionality report to the product owner. ▪ Take charge of your own development and work schedule including creating, maintaining, and reviewing sprints documenting testing progress.
Develop software products	<ul style="list-style-type: none"> ▪ Plan, create, maintain, and deliver tools and services which will be used for the production of millions of SIM cards worldwide. ▪ Use test-driven development in order to create well written, clean, and maintainable code. ▪ Produce documentation such as user manuals and change documents. ▪ Develop tools and services in multiple coding languages. ▪ Take charge of your own development and work schedule including creating, maintaining, and reviewing sprints.
1st level customer support	<ul style="list-style-type: none"> ▪ First line of support for technical customer queries. ▪ Interact with people from all over the world. ▪ Opportunities to travel worldwide.

Requirements

The below table provides the list of requirements that the candidates for the Industrial Year Intern position have to meet.

Requirement	Description
Education	<ul style="list-style-type: none"> ▪ Currently studying for BSc. / MSc. in Computer Science, Software Engineering or Telecommunications
Skills	<ul style="list-style-type: none"> ▪ <u>Mandatory requirements</u> <ul style="list-style-type: none"> ▫ Knowledge of software development in Java ▫ Familiar with some Java IDEs (NetBeans, Eclipse or any other) ▫ Understanding of version control systems (GitHub, Mercurial, SVN or any other) ▫ Understanding of the various software development cycle steps (specification, development, test, release, maintenance) ▪ <u>Optional requirements</u> <ul style="list-style-type: none"> ▫ Familiar with scripting languages (Python, JavaScript or any other) ▫ Notions in security and cryptography ▫ Knowledge of servers and networks ▫ Web development ▫ Familiar with all major OS' – Windows, Linux, and OS X
Experience	<ul style="list-style-type: none"> ▪ N/A.
Abilities	<ul style="list-style-type: none"> ▪ Tenacious with a problem-solving approach ▪ Organised, rigorous and autonomous with an eye for details ▪ Comfortable communicating with both colleagues and customers

More about Simulity

We are a young, dynamic, expanding company who are established at developing university students. We believe that students who put a lot of effort into their placement year will get a lot out of their placement year. Over the last three years we have developed a reputation for offering full time jobs to the students who excel whilst in their placement year here so there is a real career opportunity with us. After getting established within the company we allow flexible working hours, a relaxed dress code, and we afford a lot of responsibility to students.