# SIMONE SINAGRA
## SOFTWARE ENGINEER

## PROFILE

I am a Software Engineer with a robust technical background developed at the university and thanks to personal projects. I love building awesome software and taking care of every aspect of its development.

## EDUCATION

**Mar 2019 - Oct 2021**

### Master's Degree in **Computer Engineering**
**Politecnico di Torino**

Thesis: *Behavioral analysis of an e-commerce customers to predict purchase intentions*

Supervisor: De Russis L.

Final grade: 110/110

**Sep 2015 - Mar 2019**

### Bachelor's Degree in **Computer Engineering**
**Politecnico di Torino**

**Sep 2010 - Jul 2015**

### Secondary school diploma: **Scientific High School, Applied Sciences option**
**High school Albert Einstein**

## EXPERIENCE

**Nov 2021 - present**

### Front End Engineer
**Zero11**
- Worked with the UI/UX team using the sprint design methodology in order to completely rewrite the UI of a complex website.
- The project was developed in React, using the Material UI library and the utility-first freamwork Tailwind CSS for creating the UI components, and Redux for managing the state.

**Mar 2021 - Oct 2021**

### Software Engineer Intern (Thesis)
**Zero11**
- Contributed to development of a project using Python and Neo4j (Cypher).
- Responsible for the extraction of high quality information from complex web traces, in order to classify the visits of an e-commerce customers.
- Built an efficient ETL algorithm in Python to extract e-commerce customer visits and store them in a NoSQL database, for further data analysis.
- Analyzed around 80k e-commerce customer browsing behavioral data over a 2-month period, using a Graph Technology.

**Key achievement:** Development of an algorithm capable to identify a potential online buyer when performing 10 actions, with 95% accuracy.

## CONTACT

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## LANGUAGES

- **Italian**: Native
- **English**: Upper Intermediate

## SKILLS

**Development skills:** C, C++, Java, Python, Kotlin

**Web development**: HTML/CSS, JavaScript, ReactJS, Angular, JavaEE, Spring Frameworks, Hibernate

**Mobile development:** Java, Kotlin, Android Studio

**Databases**: MySQL, Neo4j

**Software skills:** Jira, Trello, Git, Docker

**Development methodologies:** Agile, Waterfall

## INTERESTS

- I enjoy watching almost any kind of sport. I practiced football until I was 18 and was captain of a team for several years.
- I keep up to date on IT changes everyday, especially about Mobile and Web Development.
- I love travelling to meet different cultures, taste the local flavors and see amazing places. My most amazing trip was in Thailand when i was 22 years old.
- I take care of myself everyday eating healthy foods and working out in the gym regularly.
- Game development fascinates me a lot. In the next few years I hope to be able to learn new technologies such as Unity Engine.