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

May 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.

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

Mar 2021 - May 2021

Software Engineer Intern
Zero11

- Built an efficient ETL algorithm in Python to extract e-commerce customer visits and store them in a database.
- Analyzed around 80k e-commerce customer browsing behavioral data over a 2-month period, using a Graph Technology.

Key achievement: Extraction of complex, heterogeneous and unstructured data and efficient loading in a NoSQL database, for further data analysis.

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.