Emanuele **Iannone**

Personal

Birth:
1st September 1996
Salerno (Italy)

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Contacts

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.github.io/

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Languages

Italian (
English (B2)

Programming

♥Java
C, Python
HTML, CSS
Javascript, JQuery
Angular, Ionic
Cordova, Capacitor
MySQL, Neo4J
Servlet, JSP
Spring Boot
Android
LaTeX

Education

2018–now	**MSc Degree** in Computer Science Advisors: Fabio Palomba, Andrea De Lucia	University of Salerno
2015–2018	**Bachelor's Degree** in Computer Science 110/110 magna cum laude. Advisor: Andrea De Lucia	University of Salerno

Projects

Sep-2019–	**Exploit Generation** MSc Degree thesis subject. Automatic Exploit Generation for Java applications that rely on vulnerable OSS libraries/frameworks.	University of Salerno
Apr-2018–	**aDoctor** BSc Degree thesis subject. Android-specific Energy Smell Detector and Automatic Refactorer.	University of Salerno
Feb-2020	**Smart Cart** Angular+Ionic App for grocery with articles recommendations. Participant of Salerno App Challenge 2020.	University of Salerno
Jan-2020	**Amigo** Spring Boot website. Part of Software Project Management and Software Engineering joint project.	University of Salerno

Publications

Mar-2020	**Refactoring Android-specific Energy Smells: A Plugin for Android Studio** E. Iannone, F. Pecorelli, D. Di Nucci, F. Palomba, A. De Lucia. Refactoring Android-specific Energy Smells: A Plugin for Android Studio. In Proceedings of the 28th IEEE/ACM International Conference on Program Comprehension (ICPC 2020), Seoul, South Korea, 2020	ICPC 2020

Teaching assistance

Spring 2020	**Web Software Technologies** Teaching assistant for Bachelor's students. Prof. R. Francese	University of Salerno
Fall 2019	**Software Engineering** Teaching assistant for BSc students. Prof. F. Ferrucci	University of Salerno
Fall 2018	**Software Engineering** Teaching assistant for BSc students. Prof. F. Ferrucci	University of Salerno
Fall 2018	**Software Engineering** Teaching assistant for BSc students. Prof. A. De Lucia	University of Salerno
Fall 2018	**Software Engineering** Teaching assistant for BSc students. Prof. C. Gravino	University of Salerno

Participations

Summ. 2019	**14th ISSSE 2019** Attendee of 14th International Summer School on Software Engineering	University of Salerno

Research Interests

Software Engineering
Both my theses subjects are on Software Engineering.

Software Testing
MSc thesis subject (automatic test case generation).

Search-Based Software Engineering
MSc thesis subject (genetic algorithms).

Software Vulnerabilities
MSc thesis subject (automatic exploit generation).

Software Quality
BSc thesis subject (code smells and refactoring).

Software Maintenance and Evolution

Hobbies

Videogaming

Anime and TV series