




PERSONAL INFORMATION

Amedeo Baragiola



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-  [skype ingamedeo](https://www.skype.com/people/ingamedeo)

Sex Male | Date of birth 25/10/1996 | Nationality Italian

JOB APPLIED FOR

Software Engineer

WORK EXPERIENCE

2014 - 2016

Freelance Android Developer

- Experience in creating Android apps on Google Play. Communication with REST APIs, reverse-engineering, network comm. on Android. (OkHttp, Volley & Retrofit / JSON, XML)
- Simple UI design.
- Google Play Store account: <https://play.google.com/store/apps/developer?id=Amedeo%20Baragiola>

Business or sector IT

2016 - 2019

Android Developer & Web Software Development/Analysis

Bytel SA (Chiasso – Switzerland) / WuGate Ltd. (Dublin - Rep. of Ireland)

- Development of Android Apps: real-time messaging (MQTT-based), integration with GCM, team work, agile development & testing.
- Reverse-engineering, Network Analysis: experience in reverse-engineering web apps based on TCP packet flow. SSL MITM. JavaScript analysis. Cross-compiling of packet sniffing software and kernel modules on mobile devices using the NDK toolchain.

Business or sector IT

2019 - (now)

Software Engineer

Awus SAGL (Ticino – Switzerland)

- Development of Android Apps: real-time messaging (MQTT-based), integration with GCM, team work, agile development & testing.
- Reverse-engineering, Network Analysis: experience in reverse-engineering web apps based on TCP packet flow. SSL MITM. JavaScript analysis. Cross-compiling of packet sniffing software and kernel modules on mobile devices using the NDK toolchain.

Business or sector IT

2019 - (now)

Graduate Research Assistant (RA)

University of Illinois at Chicago (Chicago, United States of America)

- Graduate research assistant position as a Software Engineer in the CLARISSA Lab.
- Development of a distributed cloud simulator.
- Akka, Scala and SBT.

Business or sector IT

EDUCATION AND TRAINING

2019 - (now)

MSc Computer Science

University of Illinois at Chicago (United States of America)

- 2018 - (now)

MSc Computer Science and Engineering
 Politecnico di Milano, Piazza Leonardo da Vinci 32, Milano (Italy)

82/100
- 2015 - 2018

2:1 Bachelor of Science in Engineering of Computing Systems
 Politecnico di Milano, Piazza Leonardo da Vinci 32, Milano (Italy)
- 2010 - 2015

High School Diploma, Liceo Scientifico
 Liceo Scientifico E. Fermi, Via Papa Giovanni XXIII 11, Cantù (CO) (Italy)

 - Diploma scienze applicate

82/100

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C1
IELTS Academic 8.0					

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills ▪ Good communication skills acquired during school.

Organisational / managerial skills ▪ Good organisational skills acquired during school and work experience.

Computer skills

- European Computer Driving Licence (ECDL) (Microsoft Office™).
- Extensive knowledge of Android/Java/C++ and MySQL.
- Extensive knowledge of Unix/Linux. (Arch Linux pkg maintainer)
- Extensive knowledge of Apache Tomcat, Spring, JSP, Java Servlets.
- Good knowledge of Python.
- Good knowledge of HTML, PHP, CSS, JavaScript.

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

Other skills ▪ PCB design with EAGLE Software.

ADDITIONAL INFORMATION

- Projects
- GitHub: <https://github.com/ingamedeo>
 - BitBucket: <https://bitbucket.org/ingamedeo>
 - Google Play Apps: [https://play.google.com/store/apps/developer?id=Amedeo Baragiola](https://play.google.com/store/apps/developer?id=Amedeo+Baragiola)
 - Implementation of the JSON-RPC specification as a Java library in the context of a University project. Including **requirements** specification and **UML** Design (Final examination for Computing Systems Engineering) - <https://bitbucket.org/ingamedeo/json-rpc-java-library>

Courses & Certifications

- Advanced English Course level C1/C2 at BSML Boston.
- Advanced English Course level C1/C2 at LinguaViva Dublin.