

PERSONAL INFORMATION **ANDREA MONTERUBBIANO**

WORK EXPERIENCE

- Feb 2023 - Jul 2023** **Research Intern**
Huawei France - PARIS France
Business or sector R&D and patents , communication and telecommunications
- Jul 2020 - Oct 2020** **IT Consultant**
Product development working on microcontrollers/embedded platforms
WSense S.r.l. (RM) Italy
Business or sector R&D and patents , computer science, data processing and acquisition
- Jan 2020 - Mar 2020** **IT Consultant**
Research and development in the field of underwater acoustic localizazion systems
WSense S.r.l. (RM) Italy
Business or sector R&D and patents , computer science, data processing and acquisition
- Feb 2019 - Aug 2019** **R&D Engineer**
Research in the field of acoustic underwater networks
WSense S.r.l. , Guido Donizetti - ROMA (RM) Italy
Business or sector R&D and patents , computer science, data processing and acquisition
- Jun 2016 - May 2017** **Developer**
Back end programming (PHP +Zend), database management (MySQL), basic front end programming (Javascript, jQuery and Bootstrap), basic server management (Linux + Apache web server)
Syrus Industry , del Fontanile Anagnino - CIAMPINO (RM) Italy
Business or sector Engineering and design , computer science, data processing and acquisition

EDUCATION AND TRAINING

- 2020 - present** **Dottorato in Informatica** **EQF level 8**
Sapienza Università di Roma - Informatica
Doctor of Philosophy (Ph.D.)
- 2017 - 2020** **COMPUTER SCIENCE - INFORMATICA** **EQF level 7**
Sapienza Università di Roma - Faculty of Computer Science and Statistic
2nd cycle degree/Master of Science (2 years)
- 2011 - 2017** **INFORMATICA** **EQF level 6**
Sapienza Università di Roma - Faculty of Computer Science and Statistic
1st cycle degree/Bachelor (3 years)
- Postgraduate studies**
- STUDENT GRANT**
2018 - 2019 (12 months)
Borsa di collaborazione per attività di ricerca
Sapienza Università di Roma
Description: Borsa di studio avente ad oggetto l'attività di ricerca inerente il tema 'Progettazione, Implementazione e Test di Protocolli di Sincronizzazione e Localizzazione e di Protocolli di Comunicazione per Reti di Sensori Sottomarine' presso il Dipartimento di Informatica - Università degli Studi di Roma 'La Sapienza'

PERSONAL SKILLS

Mother tongue(s) Italian

Foreign language(s)	UNDERSTANDING	SPEAKING	WRITING
---------------------	---------------	----------	---------

Listening		Reading		Spoken interaction		Spoken production			
English	B2 Independent	C1 Proficient	B2 Independent	B2 Independent	C1 Proficient				
English: IELTS - British Council, 22 04 2017 - European level: C1									
Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user Common European Framework of Reference for Languages									

Digital competences

SELF-ASSESSMENT				
INFORMATION PROCESSING	COMMUNICATION	CONTENT CREATION	SAFETY	PROBLEM SOLVING
-	-	-	-	-

Digital competences - Self-assessment grid

Basic digital competence:

COMPUTER PROGRAMMING

Programming languages: C (Intermediate) , C++ (Foundation) , Python (Foundation) | **Web Programming:** (Foundation) , PHP (Foundation)

SYSTEMS AND NETWORKS MANAGEMENT

Embedded systems: (Intermediate) | **Operating systems:** (Foundation)

DATA MANAGEMENT

DBMS: (Foundation)

Driving licence B

PUBLICATIONS

Conference proceedings

"Learned data structures for per-flow measurements" ; Andrea Monterubbiano, Raphael Azorin, Gabriele Castellano, Massimo Gallo, and Salvatore Pontarelli ; Proceedings of the 3rd International CoNEXT Student Workshop (CoNEXT-SW '22) ; ACM (2022)
dl.acm.org/doi/abs/10.1145/3565477.3569147

Journal articles

"The Diver System: Multimedia Communication and Localization Using Underwater Acoustic Networks" ; M. Bernardi, C. Cardia, P. Gjanci, A.Monterubbiano, C. Petrioli, L. Picari et al ; IEEE 20th International Symposium on 'A World of Wireless, Mobile and Multimedia' ; IEEE (2019)
ieeexplore.ieee.org/document/8792924