

SARA KIADE

EDUCATION

Alma Mater Studiorum - University of Bologna	Cesena, Italy	June 2023 (Expected)
<ul style="list-style-type: none">• Engeneering and Computer Science - Master Degree		
Alma Mater Studiorum - University of Bologna	Cesena, Italy	March 2019
<ul style="list-style-type: none">• Engeneering and Computer Science - Bachelor Degree• Dissertation: Stabilization of a DTLS channel for use in mobile IoT systems: standards, limits and resolute proposals		
Technical economic institute Carlo Matteucci	Forlì, Italy	July 2015
<ul style="list-style-type: none">• Specialization: Business Information Systems - Secondary School• Dissertation: Theory and practical applications of the Game Theory explained using a self developed Visual Basic tool		

WORK EXPERIENCES

Teaching tutor - Databases	University of Bologna, Cesena, IT	Mar 2022 – Present
Under professor Alessandra Lumini		
<ul style="list-style-type: none">• On-site and remote assistance to students• Assignments correction and grading• Monitoring activity during the exams		
Teaching tutor - C Programming	University of Bologna, Cesena, IT	Sep 2021 – Present
Under professor Roberto Girau		
<ul style="list-style-type: none">• Teacher support during laboratory activities• On-site and remote assistance to students• Assignments correction and grading• Monitoring activity during the exams• Writing exam texts, code and testing environment• Holding some laboratory lessons• Exams grading		
Project Administrator - Trashware	Associazione S.P.R.I.Te, Cesena, IT	Sep 2018 – Present
Trashware collects old computer devices, renews and donates them.		
<ul style="list-style-type: none">• Funds management• Relations with sponsors, accountants, insurance and other contacts• Financial reports preparation• Resource management• Members recruiting		
Teaching tutor - Digital Girls Project	ART-ER, Cesena, IT	Jun 2022 – July 2022
Basic programming course for high school girls (Online Edition)		
In collaboration with the University of Bologna		
Under professor Antonella Carbonaro		
<ul style="list-style-type: none">• Block programming using Kodular• Teacher support during laboratory activities• Remote assistance to students		
Support tutor - PLS Seminars	University of Bologna, Cesena, IT	Feb 2022 – March 2022
Seminars and laboratory experiencies on the applications of computer science for high school students		
<ul style="list-style-type: none">• Attending on-site and hosting the speakers		
Tech Support tutor	University of Bologna, Rimini, IT	May 2021 – July 2021
<ul style="list-style-type: none">• Technical assistance to the teachers• Online classes management• Filming and editing the lessons		

Teaching tutor - C Programming Under professor Alessandra Lumini	University of Bologna, Cesena, IT	Sep 2020 – Feb 2021
<ul style="list-style-type: none"> • Teacher support during laboratory activities • On-site and remote assistance to students • Assignments correction and grading • Monitoring activity during the exams 		
Teacher - Basic computer science	Associazione S.P.R.I.Te, Cesena, IT	Feb 2020 – May 2020
In collaboration with the municipality of Cesena <ul style="list-style-type: none"> • Held a 8 lessons course on basic social media marketing for women who wanted to start a little business 		
Undergraduate internship	University of Bologna, Cesena, IT	Mar 2018 – May 2018
Under professor Vittorio Ghini <ul style="list-style-type: none"> • Feasibility study for a mono anchored channel based on the DTLS protocol,with specific analysis and example implementation through the use of the OpenSSL library 		
Tech support - Bank	Lucky Promotion, Forlì, IT	Jul 2018
<ul style="list-style-type: none"> • System and devices configuration in a new Crédit Agricole branch 		
Internship - Tax office	Municipality of Forlì, Forlì, IT	Jun 2014 – Sep 2014
<ul style="list-style-type: none"> • Data analysis • Data extraction and comparing from Calc Spreadsheets • Paper documentation handling 		
Internship - Accounting Firm	Confcommercio ASCOM, Forlì, IT	Feb 2014 – Mar 2014
<ul style="list-style-type: none"> • Dematerialization of paper documentation • Data insertion • Paper sorting 		

LANGUAGES AND TECHNOLOGIES

- **Languages and Frameworks:**
C, Java8, Scala, HTML, CSS, SQL, Latex C++, Python, Shell scripting, JavaScript, TypeScript, jQuery, Bootstrap, Vue.js, Kodular, Akka C#, Kotlin, Prolog, VertX, Visual Basic
- **Software, platforms and tools:**
Wireshark, AWS(Lambda, IOT, SAM, Amplify, Gateway, IAM, DynamoDB), SQL Server, MySQL, MongoDB, ANTLR Docker, Virtual Box, Node.js, CodeSys, LabView
- **Others:** Git Continuous Integration, Delivery and Deployment tools, Linux Active Directory

EXTRA CURRICULAR ACTIVITIES

Volunteer - Associazione S.P.R.I.Te	Associazione S.P.R.I.Te, Cesena, IT	Sep 2017 – Present
Associazione S.P.R.I.Te is a student association, which organizes seminars and events for IT students. The Association has many collaborations with local activities and institutions <ul style="list-style-type: none"> • Help organizing social events, talks and seminars • Help with the paperwork • Active participation in the organized activities • Members recruiting 		
Student volunteer - ICDCS 2022	University of Bologna, Bologna, IT	Jul 2022
The annual ICDCS conference is a premier international forum for researchers, developers and users to present, discuss and exchange the cutting edge ideas and latest findings on topics related to any aspect of distributed computing systems. <ul style="list-style-type: none"> • Reception at the desk and registration of new arrivals • Remote call management on Zoom • Session chair assistance 		
Project volunteer - Trashware	Associazione S.P.R.I.Te, Cesena, IT	Jun 2018 – Sep 2018
Trashware collects old computer devices, renews and donates them. <ul style="list-style-type: none"> • Linux and open software • Collaboration in groups 		

- Members recruiting

PUBLICATIONS

- [Fast Session Resumption in DTLS for Mobile Communications](#)

ADDITIONAL EXPERIENCE AND AWARDS

- Participation in the [Dodge Drone Challenge](#) (Vision-based Agile Drone Flight), held during ICRA22 conference in Philadelphia

LANGUAGES

- Italian
- English
- French
- Arabic