

# ARLIND CARA

## Software Engineer

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## WORK EXPERIENCE

### Software Developer

🔧 Java Linux Docker Bash Scripting Groovy XML JSON Jenkins Git Black Duck Binary Analysis

Ericsson, Genoa (Italy)

📅 Feb 2022 – Present

- Engineered modern backend microservice-based application for Ericsson Fronthaul telecom device.
- Collaborated with software engineers, scrum masters, product owners and line managers to ensure the application meets functionality, security, and efficiency requirements.
- Consolidated skills in writing clean, robust, reusable, secure and sustainable code.
- Ensured that the new developed code worked perfectly on modern and legacy devices.

### Software Engineer Intern

🔧 Kubernetes Linux Docker Ansible Metasploit

Leonardo, Genoa (Italy)

📅 Mar 2021 – Dec 2021

- Collaborated with senior software engineers to develop a cloud-based technological scenario as a master's thesis project to be included within the Leonardo's Cyber Range.
- Enhanced my expertise in cloud computing by constructing a simulated Amazon Web Services (AWS) environment.
- Gained hands-on experience in cyber security emulating vulnerabilities identified in Common Vulnerabilities and Exposures (CVE) database conducting penetration tests on the deployed applications within the mock Amazon Web Services environment.

### Tutor

👤 Leadership Public speaking Decision making Teamwork

University of Genoa, Genoa (Italy)

📅 Jul 2019 – Jul 2021

- Coordinated communication with more than 200 incoming freshmen students to ensure an efficient onboarding process.
- Succeeded in increasing the number of new enrollments in the computer engineering faculty by 8% compared to the previous academic year.

## EDUCATION

### Master's degree in Computer Engineering (MSc)

📅 110/110 with honors

University of Genoa

📅 Dec 2021

- Main Courses:** Computer Security, Artificial Intelligence, Distributed Systems, Software Engineering, Operations Research, Virtualization and Cloud Computing, Data Protection and Privacy.

### Bachelor's degree in Computer Engineering (BSc)

University of Genoa

📅 Sep 2019

- Main Courses:** Data Structures & Algorithms, Databases, Operating Systems, Linear Algebra, Calculus and Analysis, Computer Architecture, Programming Fundamentals.

## SIDE PROJECTS

### Messaging application for iOS and Android devices

🔧 Flutter Dart JavaScript Firebase

Flutter mobile application

🌐 ArlindCara/chat-gram

- Cross-platform mobile messaging application compatible with iOS and Android devices, enabling users to send text messages and files.
- Utilized Dart for both frontend and backend development, as well as for implementing the underlying logic, JavaScript to build a back-end local server capable of handling real-time push notifications.

### Twitter miner

🔧 Python NodeRed JavaScript HTML CSS IBM Watson

Full stack app

🌐 ArlindCara/MiningTwitter

- Full-stack application designed for Twitter data mining, allowing users to extract a specified number of tweets either by hashtag or username input.
- Implemented a feature-rich interface that enables users to download the retrieved tweet data in CSV format, ensuring seamless access and analysis of the extracted information.

## LANGUAGE SKILLS

### Language skills

🗣 English (fluent) Italian (mother-tongue) Albanian (mother-tongue)