

# perto **Chello**

COMPUTER ENGINEER · ROBOTICS AND AUTOMATION 05-10-1991 - S. MARIA CAPUA VETERE (CE) Vicolo Ruffino 13, S. Nicola La Strada (CE) - Italy 🛿 (+39) 3398385098 | 🔄 robertochello@gmail.com | 🖸 robertochello | 🛅 robertochello

## **Education**

### Master's Degree, Computer Engineering - Robotics and Automation

UNIVERSITY OF CAMPANIA "LUIGI VANVITELLI'

THESIS TITLE: CONTROL STRATEGIES FOR GRASP FORCE REGULATION AND SLIPPING AVOIDANCE FOR AN ANTHROPOMORPHIC ROBOTIC HAND DESCRIPTION: Development of an advanced control system for the RH8D robotic hand, with Dynamixel-based drivers and ROS 2 integration, to improve dexterity and grasping. Tested on various objects and in industrial automation and collaborative robotics scenarios. **VOTE:** 106

### Internship, Computer Engineering - Robotics and Automation

UNIVERSITY OF CAMPANIA "LUIGI VANVITELLI'

TITLE: SIMULATION AND CONTROL OF THE SEED ROBOTICS RH8D ANTHROPOMORPHIC HAND AND RELATED TACTILE SENSORS IN ROS 2 DESCRIPTION: Simulation and control of the RH8D robotic hand and FTS3 sensors in ROS 2, using the Dynamixel library. Software and documentation are available in the ROS 2 repositories of the Robotics Lab at the University of Campania "Luigi Vanvitelli".

### **Bachelor's Degree, Electronic and Computer Engineering**

UNIVERSITY OF CAMPANIA "LUIGI VANVITELLI"

THESIS TITLE: DESIGN AND IMPLEMENTATION OF A WEB APPLICATION FOR THE COMMON CRITERIA CERTIFICATION PROCESS (ISO/IEC 15408 Standard)

DESCRIPTION: Analysis of the ISO/IEC 15408 security standard, with a focus on Security Assurance Requirements (SAR) and Evaluation Assurance Levels (EAL). Development of a web application to catalog certifiable components according to the standard, emphasizing the importance of EAL in determining security levels.

**VOTE:** 82

### Skills

**Productivity** Microsoft Office - Google Workspace Version Control Git - GitHub **Programming** C - C++ - Java - Python Back-end Development Spring Boot - Hibernate ORM Front-end Development HTML - CSS - JavaScript Software Development Maven - MVC **Documentation & Markup** ET<sub>F</sub>X- TikZ - Markdown - Doxygen

Development Tools Visual Studio Code - Eclipse - IntelliJ IDEA Industrial Automation & Control PLC (LD, SFC) - MATLAB - Simulink - LabVIEW - CODESYS **Robotics & Simulation** ROS - ROS 2 - Dynamixel Protocol 2.0 - RoboDK - RViz - Movelt! Agile Methodologies Scrum (Sprint, Daily Stand-up) - Kanban (Process Board) - Trello Languages Italian (Native) - English (B2)

**Prioritising** Identification of critical tasks in the thesis project.

**Respect for Deadlines** Timely submission of reports in the technical lab.

**Problem Solving** Resolution of a motor control issue in the thesis project.

**Empathy** Supporting colleagues facing difficulties on complex topics during exam projects.

**Teamwork** Collaborating in teams to complete exam projects by integrating diverse skills.

**Active Listening** Paying attention to feedback and needs to improve exam and thesis projects.

Mar. 2024 - Jun. 2024 Aversa (CE), Italy

Sep. 2011 - Apr. 2020

Aversa (CE), Italy

Sep. 2020 - Nov. 2024

Aversa (CE), Italy

# **Extracurricular Activities**

### Waiter

Dec. 2021 - Jun. 2024 Caserta, Italy

- Stress Management: ability to work under pressure while maintaining courtesy and professionalism.
- Attention to Detail: precision in meeting customers' specific requests.
- Multitasking: ability to manage multiple tasks simultaneously and efficiently.
- Customer Orientation: focus on customer needs to ensure a positive experience.

#### **Children's Party Entertainer**

May 2009 - Jun. 2016 Caserta, Italy

- Planning and Execution of Activities: organizing and managing games, shows, and age-appropriate interactive activities to entertain and engage children.
- Communication and Interaction: creating a welcoming and friendly atmosphere by interacting with children, parents, and event staff.
- Energy and Engagement: maintaining high levels of energy and enthusiasm to capture children's attention and encourage active participation.
- Safety and Supervision: ensuring children's safety during activities by identifying potential risks and responding quickly to any issues.

#### **Lead Entertainer**

Jun. 2016 - Jun. 2024 Caserta, Italy

- Leadership and Team Coordination: managing and leading a team of entertainers, assigning roles, and overseeing the successful execution of events and activities.
- **Development and Implementation of Programs:** designing and supervising customized entertainment programs for various audiences, ensuring high standards of quality and creativity.
- Training and Mentorship: providing training, support, and feedback to team members to improve their skills and maintain consistent performance standards.
- Customer Relations and Feedback Management: communicating with clients to understand their needs, ensure satisfaction, and gather feedback to improve future events.

I authorize the processing of my personal data in accordance with Regulation (EU) 2016/679 (GDPR) and Legislative Decree 196/2003 and subsequent amendments, exclusively for purposes related to personnel selection.

