

**University of Messina  
MIFT Department  
Bachelor Data Analysis**



**UNIME Internship Project Proposal**

<i>ID</i>	PTI_Fazio Maria_02/03/2023 18.07.01
<i>Date</i>	02/03/2023 18.07.01

**Project Supervisor**

<i>Surname</i>	Fazio
<i>Name</i>	Maria
<i>Department</i>	MIFT
<i>Laboratory</i>	FCRLab
<i>Email</i>	mfazio@unime.it
<i>Phone Number</i>	

**Project Co-Supervisor (not compulsory)**

<i>Surname</i>	Lukaj
<i>Name</i>	Valeria

<i>Job Position</i>	PhD Student
<i>Department</i>	Ingegneria
<i>Laboratory</i>	FCRLab
<i>Email</i>	vlukaj@unime.it
<i>Phone Number</i>	

### Internship Project Details

<i>Title</i>	Management of digital certificates for IoT systems	
<i>Detailed Description:</i> Internet of Things (IoT) allows you to have a lot devices connected to the network and able to interact with people and the environment. This leads to security issues both in terms of access to systems/services and data confidentiality. This project wants to create and evaluate a distributed certificate creation and management system for IoT devices in order to create secure communications between them and remote servers.		
<i>Duration (months – max 12)</i>	12	
<i>Duration (hours)</i>	60	
<i>Potential deadline</i>		
<i>Number of open position</i>	2	

### Internship Skills

<i>Required skills:</i> Knowledge of computer networks and the basics of computer security.	
<i>Other skills</i>	

