

Soggetto: proposta di tirocinio

<i>Codice</i>	PTI_<<Cognome>> <<Nome>>_<<Informazioni cronologiche>>
<i>Data</i>	08/01/2025 15.23.24

Ente ospitante

<i>Ente ospitante</i>	IRCCS Centro Neurolesi "Bonino Pulejo"
<i>Protocollo</i>	14077
<i>Data di protocollo</i>	03/02/2022
<i>Nazione</i>	Italia
<i>Città</i>	Messina
<i>Indirizzo</i>	SS.. 13 Via Palermo C/da Casazza, 98124
<i>Sito web</i>	https://irccsme.it/
<i>Numero di dipendenti</i>	circa 600
<i>Persona di riferimento</i>	Dott. Rocco Salvatore Calabrò
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<i>E-mail</i>	roccosalvatore.calabro@unime.it

Supervisore di progetto

<i>Nome e cognome</i>	Rocco Salvatore Calabrò
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<i>E-mail</i>	roccosalvatore.calabro@unime.it

Dettagli del progetto

<i>Titolo</i>	Towards Investigating the Role of Artificial Intelligence in Neurological Rehabilitation
<p><i>Descrizione dettagliata:</i> The project will focus on the growing role of Cloud/Edge computing and artificial intelligence (AI) in neurorehabilitation. Thanks to AI, clinicians can perform real-time monitoring, predict recovery timeline and potential risks based on patients' data, assist patients with assisted precise, guided movements for taking live gait training and provide virtual assistants helping in remote monitoring and tele-rehabilitation. In detail, the internship will be mainly based on developing Cloud, Edge, and AI-enabled software systems to collect and analyse detailed patients' movement data such as joint angle, posture and gait patterns as well as facial expressions. Furthermore, the objective of the internship is also to analyze the deviation from optimal motion to identify abnormalities and also assess the participation and motivation of patients during the training.</p>	
<i>Area aziendale</i>	Cloud/Edge computing and Artificial Intelligence in neurorehabilitation
<i>Rimborso spese</i>	NO
<i>Eventuale importo del rimborso</i>	0



<i>Disponibilità a trasferte</i>	NO
<i>Tipo di impiego</i>	Part time
<i>Durata in mesi</i>	5
<i>Durata in ore</i>	300
<i>Data di inizio</i>	01/02/2025
<i>Data di fine</i>	30/06/2025
<i>Numero di posizioni aperte</i>	4

Requisiti

<i>Requisiti tecnici:</i> Knowledges of RDBMS, NoSQL DBMS, programming.	
<i>Altri requisiti</i>	none