

Soggetto: proposta di tirocinio

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|-------------|---|
| <i>ID</i>   | PTI_Celesti Antonio_20/03/2025 17.29.57 |
| <i>Data</i> | 20/03/2025 17.29.57                     |

**Supervisore del progetto**

|                           |                          |
|---------------------------|--------------------------|
| <i>Cognome</i>            | Celesti                  |
| <i>Nome</i>               | Antonio                  |
| <i>Dipartimento</i>       | 20/03/2025               |
| <i>Laboratorio</i>        | FcrLab                   |
| <i>E-mail</i>             | antonio.celesti@unime.it |
| <i>Numero di telefono</i> |                          |

**Co-Supervisore del progetto**

|                     |            |
|---------------------|------------|
| <i>Cognome</i>      | Napoli     |
| <i>Nome</i>         | Rosario    |
| <i>Posizione</i>    | Dottorando |
| <i>Dipartimento</i> | MIFT       |



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| <i>Laboratorio</i>        | FcrLab                  |
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### Dettagli del progetto

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|--|--|
| <i>Titolo</i>  | Advanced Knowledge Completion Techniques with Graph Data Science |
| <i>Descrizione dettagliata:</i> The goal of this internship is to explore knowledge completion techniques in knowledge graphs, an emerging area in big data analytics, using Graph Data Science to analyze data and relationships. The goal is to address the challenges of implicit relationship inference, where entities and their connections are not explicitly represented, but must be inferred. This process allows to enrich and strengthen existing datasets, creating a solid basis for improving and optimizing AI models. The project will involve the use of Neo4j, a graph DBMS, to build and analyze data and relationships. |  |
| <i>Durata (mesi – max 12)</i>  | 6  |
| <i>Durata (ore)</i>  | 50   |
| <i>Numero di posizioni aperte</i>  | 3  |

### Competenze richieste dal tirocinio

*Requisiti tecnici:*  
Basic knowledge of Python and Neo4j



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|------------------------|--|
| <i>Altri requisiti</i> |  |
|------------------------|--|