

Desiree MANICARDI

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Projects

As a Recognised Researcher ("Assegnista di Ricerca")

- from 03/2024 to 02/2025 **Modelling and vErification of alkaptonuria and multiple sclerosis Driven by biomedical CAI data (MEDICA)**, financed by MIUR-PRIN 2022.
- Four universities: University of Pisa, University of Turin, University of Siena and University of Insubria.
 - See the website [here](#).

Projects as a student

As a Ph.D. Student

- from 06/2021 to 07/2021 **Read patients' heart beats per minute divided by gender and age**
- smart-health, IoT, NoSQL, PHP, authentication, MongoDB, Node-RED, UML, StarUML, TCP and MQTT protocols*
- No grade, but passed.

As a Master Student

- from 05/2018 to 06/2018 **Remote insulin calculation for non-pediatric diabetic patients**
- smart-health, IoT, Java, MongoDB, Node-RED, UML, StarUML, TCP and MQTT protocols*
- Grade: 27/30 (only project).
- from 01/2018 to 02/2018 **Support vector machine for collaborative filtering** *data mining, Java, Weka*
- Grade: 29/30 (only project).
- from 12/2017 to 01/2018 **3D videogame** *Unity, HTML*
- No grade, but passed.
- from 10/2017 to 12/2017 **A project about computer and requirements engineering**
- UML, StarUML, KAOS e Problem Frames diagrams, software life cycle*
- Grade: 29/30 (only project).

- 07/2017 **Manage a library** *JSON, NoSQL database, software life cycle*
Grade: 29/30 (theory & project).
- from 12/2016 **A real-time application** *UML, StarUML, C, Keil uVersion4, software life*
to 01/2017 *cycle*
Grade: 30/30 (only project).
- 06/2016 **Three apps Android** *fragments, data storage, location API, threads e AsyncTask*
Grade: 30/30 (only project).
- 05/2016 **A web site** *HTML, CSS, JavaScript, AJAX, JQuery, PHP, SQL, MySQL, PhpMyAdmin, authentication, Apache HTTP Server, UML and ER diagrams, StarUML*
Grade: 26/30 (theory & project).
- from 11/2015 **A social network** *Java, PostgreSQL, SQL, UML and ER diagrams, StarUML,*
to 05/2016 *software life cycle*
Grade: 27/30 (only project).
- 08/2015 **A project about analysis and recognition in social networks** *Java, Gephi*
Grade: 26/30 (theory & project).
- from 02/2015 **A project about software design** *Java, UML diagrams, StarUML, software life cycle*
to 04/2015 Grade: 30/30 (theory & project).
- from 10/2014 **Manage a transport company** *Java, Assembly, UML, StarUML*
to 02/2015 Grade: 27/30 (only project).
- from 01/2015 **A hardware and software project** *ArduinoUNO*
to 02/2015 Grade: 30/30 (only project).