

## CURRICULUM VITAE

### 1) Personal data

<b>Given name</b>	Alessandra
<b>Family name</b>	Ranzato
<b>Birth date</b>	05/07/1999
<b>Birthplace</b>	Piove di Sacco (PD)
<b>Citizenship</b>	Italian
<b>Address</b>	Via Nitriera 1/B, Piove di Sacco (PD), Italy

### 2) Grade Point Average (GPA) of Master's and Bachelor's degrees

<b>Degree</b>	<b>University, Country</b>	<b>Course title</b>	<b>Grade Point Average (GPA) (a)</b>	<b>Reference value for GPA (b)</b>
<b>Master</b>	University of Padova, IT	Bioengineering	28.438	30
<b>Bachelor</b>	University of Padova, IT	Biomedical Engineering	26.695	30

(a) GPA is the weighted average of all exam grades obtained during the study

(b) Maximum score that can be obtained for the GPA (for example, in Italy this is 30).

### 3) Total duration of academic studies

<b>Starting date of the academic study (a)</b>	01/10/2018		
<b>Date of Master's graduation</b>	05/03/2024		
<b>Total duration of studies</b>	5	years and	5 months
<b>Formal duration of studies</b>	5	years	

**Career breaks, if any (e.g., health issues, national service, maternity/paternity leaves).**  
*Specify start/end dates*

(a) Refers to the first academic degree

4) Time abroad **DURING** University studies (e.g., Erasmus, Time, Erasmus Placement, thesis, etc.)

Startingdate	Duration (months)	Description	Institution, country

5) **Relevant** work experience **AFTER**graduation (internship periods, periods of employment)

Startingdate	Duration (months)	Description	Institution, country

6) Scientific awards, research grants, scholarships (relevant to the Curriculum)

Date	Description	Institution, country

7) Other information

Personal skills: teamwork but also leadership skills, acquired respectively during my ten-year experience as a volleyball player and during the last two years as a volleyball team leader; problem-solving abilities, acquired during my five years of university.

Programming skills: Matlab (advanced level), R and Python (intermediate level).

Foreign languages: English level B2.

I am a determined girl. I am motivated by a strong desire of exploring the world of research, which fascinates and intrigues me. The 5 years I spent at university were carried out with enthusiasm, not as a burden, since I enjoy studying especially subjects and topics that suit me more, such as data analysis, mathematical modeling, or the control of biological systems. My curriculum was focused on 'Models and Analysis of Biomedical Data', with a thesis entitled "Parameter optimization for bolus insulin calculation in type 1 diabetes therapy using digital twin techniques". The courses I preferred during my studies were 'Biological Data Analysis', 'Bioimaging', 'Control of Biological Systems', 'Machine Learning for Bioengineering', and 'Modeling and Methodology for Physiology and Medicine'.

8) Relevant scientific publications

Type Journal, Conference, Patent, Other (e.g., book chapter)	ISI-Scopus	Bibliographical information

*WARNING: for accepted manuscripts, provide the DOI.*

Piove di Sacco, 08/07/2024 \_\_\_\_\_  
(Place and date)

(Signature)