

Silvia Vettori

WORK EXPERIENCE

Research Engineer

Siemens Digital Industries Software [01/09/2023 - Current]

City: Rome

Country: Italy

- Master's thesis students supervision
- Structural simulation and testing
- Coordinate and report research activities in the framework of ongoing internal and external projects
- Manage relationships with other divisions and external project partners
- Showcase research activities at international events

Research Engineer

Siemens Digital Industries Software [01/01/2023 - 31/08/2023]

City: Leuven

Country: Belgium

- Master's thesis students supervision
- Structural simulation and testing
- Coordinate and report research activities in the framework of ongoing internal and external projects
- Manage relationships with other divisions and external project partners
- Showcase research activities at international events

Research Engineer Associate

Siemens Digital Industries Software [01/09/2018 - 31/12/2022]

City: Leuven

Country: Belgium

- Master's thesis students supervision
- Structural simulation and testing
- Plan and carry out research activities in the framework of ongoing internal and external projects
- Showcase research activities at international events

Internship student

Siemens Digital Industries Software [01/09/2017 - 01/03/2018]

City: Leuven

Country: Belgium

- Development and validation of data processing techniques for aircraft Ground Vibration Testing
- Master's thesis project development

EDUCATION AND TRAINING

Ph.D. in Civil Engineering

Eidgenössische Technische Hochschule Zürich [01/12/2018 - 04/05/2023]

City: Zurich

Country: Switzerland

Thesis: Development of virtual sensing techniques for dynamic virtualization

- Development of Virtual Sensing techniques for dynamic virtualization of structures
- Focus on real-time joint input-state estimation of wind turbine blades
- Dissemination: journal articles publication and conferences attendance

M.Sc. in Mechanical Engineering

University of Rome "La Sapienza" [01/09/2015 - 18/05/2018]

City: Rome

Country: Italy

Final grade: 110 Cum Laude

B.Sc. in Mechanical Engineering

University of Rome "La Sapienza" [01/09/2012 - 12/11/2015]

City: Rome

Country: Italy

LANGUAGE SKILLS

Mother tongue(s): **Italian**

Other language(s):

English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

French

LISTENING B1 READING B1 WRITING B1

SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Microsoft Office / Simcenter 3D / Simcenter Testlab / HEEDS / FEA Software: Nastran/Patran, Ansys / Matlab/Simulink