


## PERSONAL INFORMATION


**Tea Arrigoni**

 University of Rijeka – Faculty of Engineering, Vukovarska 58  
 University of Rijeka – Centre for Micro- and Nano-sciences and Technologies, Radmile Matejčić 2  
 51000 Rijeka, Croatia

 + 385 – (0)95 – 56 58 941

 [tarrigoni@riteh.hr](mailto:tarrigoni@riteh.hr), [tea.arrigoni@gmail.com](mailto:tea.arrigoni@gmail.com)

Sex woman | Date of birth 09/01/1988 | Nationality Croatian/Italian

## CURRENT POSITION

**Teaching Assistant – Doctoral Student**

## WORK EXPERIENCE

October 2017 →

**Science and teaching staff**

University of Rijeka – Faculty of Engineering, Rijeka, Croatia

- Teaching Assistant and Doctoral Student in Mechanical Engineering. Scientific work on precision engineering and microsystems' technologies.

March 2012. - October 2017.

**Mechanical engineer**

 AITAC d.o.o., Žegoti 6/1, Kastav, [www.aitac.nl](http://www.aitac.nl)

- FEM calculations section – cruise ships for Meyerwerft (CATIA V4)
- Machinery section – shipyard Meyerwerft (work abroad)
- Ship classification documentation – project tugboat - shipyard Piriou (AutoCAD)
- Structural hull models, outfitting (piping, HVAC) - Meyerwerft (CATIA V4)
- Structural hull models and testing of software for Meyerwerft (CATIA V6)

September 2010. – June 2011.

**Mechanical engineer**

Alveus d.o.o., Slavka Krautzeka 83A, Rijeka

- Modeling and analysis (CATIA V5)
- Documentation for EU projects

February 2010. – July 2010.

**Mechanical engineer**

Rapidal d.o.o., Lužine 1/4, Rijeka (internship)

- Modeling (CATIA V5/SolidWorks)

## EDUCATION

September 2009. – 2012.

**mag. ing. mech. (master of mechanical engineer)**

Level 7 of the CQF

Faculty of Engineering, University in Rijeka, Croatia

- Module: Construction and mechatronics

2006. – July 2009.

**univ. bacc. ing. mech. (universal bachelor mechanical engineer)**

Level 6 of the CQF

Faculty of Engineering, University in Rijeka, Croatia

2006. – 2002.

**Gymnasium**

Andrije Mohorovičića high school, Rijeka, Croatia

2002. – 1994.

**Elementary school**

CQF levels 1 &amp; 4

OŠ Brajda, Rijeka, Croatia

## PERSONAL SKILLS

Mother tongue

Croatian

Other language

	UNDERSTANDING		SPEECH		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Italian	B1	B1	B1	B1	B1

- Communication skills**
- Good communication skills – team work within company and faculty.
  - Basic work communication – quick adaptation on different situations – Business school for students.
  - Ability to adapt to multicultural environments and good affiliation in new surroundings – work abroad in shipyard - Meyerwerft, Germany.

- Organization / manager skills**
- Teaching aide for courses: Hydraulics (3 years), Mechanical transfer of power and Engineering mathematics, Fluid Mechanics (2 years), Engineering statistics (2 years)
  - Good communication skills – coordinating assignments with Meyerwerft team
  - Member of Water-bike team Rijeka
  - Member of student organization IAESTE (For student internship exchange)
  - Member of student committee at University of Rijeka
  - Founding member of the Student Humanitarian Expedition „Jadran 2011.“
  - Organizational skills: member of „Formula student EU“ – project: RITEH Formula student team

- Digital competence**
- „Formula student – Riteh racing team“ – CATIA V5
  - „Waterbike team Rijeka“ 2010 – 2012, – CATIA V5
  - Basics: Solid Works
  - Experienced user: Catia V4, Catia V6
  - AutoCAD
  - Microsoft Office
  - Wolfram Mathematica

- Other skills**
- Presentation – PowerPoint
  - Photography – „Photodays festival“ in Rovinj, Croatia
  - Word Press – web page [www.konjickivodicajna.hr](http://www.konjickivodicajna.hr)

- Driving license** B category for cars and boats

## ADDITIONAL INFORMATION

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- Scientific work**
- Since 2017: actively contributes to the cooperation between the Faculty of Engineering and the Centre for Micro- and Nanoscience and Technology of the University of Rijeka, as well as with the Department of Physical and Rehabilitation Medicine of the Clinical Hospital Centre (KBC) Rijeka on the development of a mechatronics rehabilitation device
  - In this context, published and presented the scientific paper „ Issues in the Mechatronics Design of a Full Arm Rehabilitation Device“ on the My first conference event held in September 2017 at the Faculty of Engineering in Rijeka, Croatia.

- Awards**
- Rector's awards 2010/11
  - Graduated with honours – grade-point average 4.78 (out of 5) – summa cum laude
  - Faculty of Engineering award for outstanding grades 2007/08 with a grade-point av. 5.00 out of 5
  - Faculty of Engineering award for outstanding grades 2010/11 with grade-point average 4.83 out of 5
  - State scholarship from 2006-2009
  - Scholarship NZPUSS (National Foundation for the Support of Students' Standard) 2009–2011
  - July 2011. participation as a representative of Croatia to the international competition for European precision engineering students “EUSPEN challenge” in Cambridge, UK

- Teaching**
- As a teaching assistant at the Faculty of Engineering of the University of Rijeka, Croatia, holds courses in: Machine Elements Design I and II
- During her studies held courses in Hydraulics (3 years), Mechanical transfer of power, Engineering mathematics, Fluid Mechanics (2 years), Engineering statistics (2 years)

- Membership**
- Member of Scuba-diving club „KPA 3.maj“
  - Member of sailing club „Val“ Crikvenica