

# Mario Branimir Fraćin

Put Petrića 49<sup>e</sup>, 23000 Zadar, Croatia

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## EDUCATION

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### Faculty of Mechanical Engineering and Naval Architecture

Zagreb, Croatia

*Bachelor's degree; Mechatronics and Robotics*

Expected September, 2019

- **Activities and Societies:** Vice president of 'Udruga Mehatroničara' (Mechatronics Club), member of eSTUDENT, volunteer at BEST Zagreb
- **Relevant Coursework:** Mathematics I & II, Mechanics I & II, Materials I & II, CAD related coursework, Thermodynamics, Design Elements I & II, Fluid Mechanics, Control and Regulation, Electrotechnics, Electronics, Microprocessors, Electric Servodrives, Pneumatics and Hydraulics, Computer Simulations, Sensors, Artificial Intelligence, Neural Networks, Finite Element Analysis

## WORK EXPERIENCE

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### Faculty of Mechanical Engineering and Naval Architecture

Zagreb, Croatia

*Student Assistant, Electrotechnics course*

October 3, 2016 – February 24, 2017

- Holding lectures and teaching course material
- Assisting students in laboratory exercises

### HSTEC

Zadar, Croatia

*Engineering intern*

September 3, 2018 – September 28, 2018

- Learning and interacting with production and technologies
- Learning about company structure
- Solving design problems

## SKILLS, ACTIVITIES & INTERESTS

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### Languages:

- Fluent in English

### Technical Skills:

- Basic Proficiency in MS Office (Word, Excel, PowerPoint, Access)
- MATLAB
- Simulink
- Python
- Solidworks
- Autocad
- Catia
- Altium designer
- Abaqus

