

# Curriculum Vitae



## PERSONAL DATA

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Name: Luka Svast  
Date of birth: 09. September 1993  
Place of birth: Rijeka, Croatia  
Nationality: croatian  
Relationship status: single  
Address: Eduard-Schenk-Straße 31, 80807 Munich  
Mobile: 0174-8414703  
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Github: <https://lukasvast.github.io/>

## EDUCATION

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2012 – 2016      **University of Rijeka, Faculty of Engineering, Rijeka (Croatia)**  
Degree: University Bachelor in Computer Science (Grade: 2,5<sup>1)</sup>  
Course modules: Web Application Development, Databases, Algorithms and Data Structures, Embedded Systems, Software Engineering, Computer Networks...  
Bachelor's thesis: Speech Signal Segments Classification using Mel-cepstral Coefficients

- Summary: speech segments pattern recognition and classification using MFCC extraction method
- Grade: 2,0<sup>2</sup>

## SCHOOL

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2008 – 2012      **Dr. Antun Barac Gymnasium, Crikvenica (Croatia)**  
Matura (Grade: 2,0<sup>2</sup>)

- Compulsory subjects: Croatian language (Grade: 2.0<sup>2</sup>)  
Mathematics (Grade: 3.0<sup>3</sup>)  
English language (Grade: 1.0<sup>4</sup>)
- Optional subjects: Computer science (Grade: 2.0<sup>2</sup>)

## PRACTICAL EXPERIENCE

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07/2014 – 08/2014      Placement at HEP (Department of IT), Crikvenica (Croatia)

- Migrating from MS Access to MySQL database for performance and easier data analysis.

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1. National Grade 3.45/5  
2. National Grade 4/5  
3. National Grade 3/5  
4. National Grade 5/5

## PROJECT LIST

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Project:	Rest API Tython (personal project)
Time period:	02/2017 – 03/2017
Summary:	Template for creating RESTful WEB API services. It combines FOSRestBundle with Symfony Guard Security Component to authenticate users via apikey.
Keywords:	PHP, Symfony3, MySQL
Project:	World Tour (personal project)
Time period:	01/2017 – 02/2017
Summary:	Web application for searching public photos via Flickr API based on location and other criteria.
Keywords:	AJAX, W3.CSS, JQuery
Project:	House Julija (personal project)
Time period:	01/2017 – 02/2017
Summary:	Web application for a hotel that allows users to easily book and browse through the offers.
Keywords:	Angular, W3.CSS
Project:	Speech Signal Segments Classification using Mel-cepstral Coefficients
Time period:	03/2016 – 11/2016
Summary:	Application program for speech signal segments classification using Mel-cepstral coefficients extraction developed alongside with bachelor's thesis. Resulting application uses speech audio signals and their transcripts from existing database to create a model for pattern recognition and speech segments classification.
Grade:	2.0 <sup>2</sup>
Keywords:	Python, BASH script, speech classification, Mel-cepstral coefficients
Project:	RiRead (Embedded Systems course project)
Time period:	03/2015 – 07/2015
Summary:	Embedded application for ATmega32A microcontroller that uses magnetic card reader (SU90) to output content of magnetic cards on TFT LCD display.
Grade:	2.0 <sup>2</sup>
Keywords:	C, embedded systems programming, microcontroller
Project:	Restaurant Management (Web Application Development course project)
Time period:	10/2014 – 02/2015
Summary:	Web application that allows restaurant owners to manage table reservations and food orders of their customers.
Grade:	2.0 <sup>2</sup>
Keywords:	PHP, MySQL, Bootstrap, JQuery

## PROGRAMMING LANGUAGES AND TECHNOLOGIES

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- PHP, Symfony, Javascript, Angular, HTML, CSS Python, MySQL
- Git, Linux

## ADDITIONAL SKILLS

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Languages: Croatian (mother tongue)  
English (fluent)  
German (B1)

Driving licence: B

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Munich, March 2017