

Curriculum vitae

PERSONAL INFORMATION



Tilen Majerle

- Tušev Dol 11, 8340 Črnomelj (Slovenia)
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Sex Male | Date of birth 22/4/93 | Nationality Slovenian

WORK EXPERIENCE

1 Mar 2017–Present

Microcontroller Field Application Engineer

STMicroelectronics d.o.o., Ljubljana (Slovenia)

- Business development based on product marketing and technical support for project need
- Hardware and software consultation with customers
- Technical expert for STM32 and STM8 microcontrollers
- Organization of different trainings, leading seminars and workshops, public speaking
- Covering east Europe except Russia
- Working in close cooperation with distributors

1 Mar 2015–28 Feb 2017

Research and development engineer

MESI, development of medical devices, d.o.o., Ljubljana (Slovenia)

- Hardware design on ARM devices for medical purpose (ECG, Blood Pressure)
- Software for ARM microcontroller devices written C w/wo RTOS
- Web programming using PHP, MySQL, CSS (SASS), HTML5, REST connectivity
- Android application development with connectivity to cloud

1 Jul 2016–1 Sep 2016

Development engineer

Ultrasonic audio, Ljubljana (Slovenia)

Hardware design for ARM based board with sound processing

Jun 2015–Jul 2015

Development engineer

Ultrasonic audio, Ljubljana (Slovenia)

- Hardware design for EINK LCD
- Software for ARM microcontroller

Jun 2008–Sep 2008

Web developer

Elementary School Loka Crnomelj, Crnomelj (Slovenia)

- Web developer and site manager

EDUCATION AND TRAINING

Oct 2015–Sep 2017

Master of Electrical Engineering

Faculty of Electrical Engineering, University of Ljubljana, Ljubljana (Slovenia)

EQF level 7

Program Electronics

- Oct 2012–Sep 2015 **Electrical engineering** EQF level 6
 Faculty for Electrical engineering, University in Ljubljana, Ljubljana (Slovenia)
 Program Applied Electrical Engineering, direction Electronics
- Sep 2008–Jun 2012 **Electrical engineering**
 Srednja elektro šola in tehniška gimnazija, Novo mesto (Slovenia)
 Electrical engineering, 4-years program
- Jan 2015–Feb 2015 **Firefighter**
 Firefighting Association Črnomelj, Črnomelj (Slovenia)
- Ability to provide first aid to patient
 - Ability to provide firefighter support

PERSONAL SKILLS

Mother tongue(s) Slovenian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Croatian	B2	B2	B2	B2	B2
Serbian	B1	B1	B1	B1	B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
 Common European Framework of Reference for Languages

Communication skills ■ Public speaking on technical events

Job-related skills ■ Good knowledge of the program for the design of printed circuit boards, Altium Designer,
 ■ Knowledge of Labview program for the manufacture of measuring instruments
 ■ Good knowledge of software packages for web design, HTML5, PHP7, MySQL, CSS3, Bootstrap, JavaScript, jQuery,
 ■ Managing Wordpress and Joomla Web Editors,
 ■ Author of blog to work with microcontrollers by ARM manufactured by STMicroelectronics and Atmel AVR, stm32f4-discovery.net
 ■ Knowledge of the programming language Python,
 ■ Knowledge of Java for programming Android applications.
 ■ Experienced C developer, focused on embedded systems
 ■ Public speaking, communication skills, working with customers

Digital skills ■ Knowledge of Microsoft Office software package,
 ■ Knowledge of PCB design, analog and digital circuitry, microcontroller programming
 ■ Knowledge of web programming languages,
 ■ Knowledge of the Windows environment and basic knowledge of Linux systems,
 ■ Knowledge of enterprise applications by Google

- Other skills
- Ability to provide first aid to patient,
 - Ability to provide fire fighter support,
 - Handball player with several years of experience in the strongest Slovenian handball league

Driving licence B