

PERSONAL INFORMATION **Ožbolt Menegatti**

 Goriška cesta 39, 5282 Cerklje na Gori, Slovenia

 +386 40 383 138  ozbolt.menegatti@gmail.com

 www.ozbo.it

 Skype [ozbolt3](#)

Gender Male | Date of birth 3 November 1991 | Nationality Slovenian

JOB APPLIED FOR **Software Engineer****WORK EXPERIENCE**August 2015 – now **Software Engineer**

Guardiaris d.o.o.
Podjunska ulica 13, 1000 Ljubljana (Slovenia)

- Maintenance and improvement of legacy C++/Qt3 air traffic radar view system Albatross for Slovenian's air traffic control (KZPS).
- Development of camera pose estimation system based on OpenCV and RaspberryPy.
- Work on human skeleton detection system using convolutional neural networks.
- Developed other support tools, such as an embedded neural network library, camera calibration application and C++ ASN1c wrapper.
- Assistance with the switch of version control systems from subversion to git.

February 2012 – January 2013 **Instructor**

Go Instructions
Jadranska 27, 2000 Maribor (Slovenia)

Instructor for high school and faculty students. Instructing programming languages and other computer knowledge, basics of electrical engineering, math and physics.

EDUCATION AND TRAINING2010 – 2015 **Bachelor of Science in Electrical Engineering**

Faculty of electrical engineering, University of Ljubljana, Slovenia
completed over 90 % of exams with an average grade of 9.8/10, did not finish the program

2012 – 2014 **Bachelor of Science in Computer Science**

Faculty of Computer and Information Science, University of Ljubljana, Slovenia
completed with an average grade of 8.9/10

2015 – 2017 **Master of Science in Computer Science**

Faculty of Computer and Information Science, University of Ljubljana, Slovenia
completed 100 % of exams with an average grade of 9.0/10, did not finish the program

PERSONAL SKILLS

Mother tongue Slovenian

Other languages	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user
Common European Framework of Reference (CEF) level

Communication skills and competences

- team work: I have successfully worked in a team of programmers, electrical and mechanical engineers to deliver a finished product;
- teaching skills: I work with colleagues and students as an instructor and a mentor;
- organizational skills: enrolled in multiple sporting groups and events, mostly running and football.

Programming skills

- dynamic languages: Python3, Octave/Matlab, Lua, Bash, also knowledge of Javascript, CoffeeScript, Elm, Racket and Julia;
- static languages: C++, Rust, C, also knowledge of Java, C#, D and Go;
- other languages: knowledge of VHDL, SQL and Prolog;
- computer vision library OpenCV, use of image processing, camera calibration and 3D reconstruction, pose estimation and marker recognition;
- machine learning using sklearn for different clustering, regression and classification algorithms and Pytorch for deep learning;
- Qt, PyQt, Fltk and Html/CSS for graphical interfaces;
- GNU, LLVM and Cargo build toolchains;
- Cython, Pypy and Pybind11 for Python performance improvements;
- STM32 arm embedded devices running FreeRTOS;
- RaspberryPy computing platform.

Other Computer skills

- extensive experience with Linux OS,
- Git and Mercurial version control systems,
- KiCAD electronics design software,
- attended a Cryptography 1 class on [coursera.org](https://www.coursera.org),
- Gimp (image editing), Kdenlive (video editing) and FFmpeg (video and audio capture and conversions),
- competent with \LaTeX and LibreOffice office programs,

Other skills Enjoy all sports particularly running, bicycling, swimming, football and basketball. My hobbies also include a guitar and a chess board.

Driving licence AM, B1, B, G