Drejc Pesjak

Date of birth: 18/03/1999 | **Nationality:** Slovenian | **Gender** Male | dp8949@student.uni-lj.si

https://drejcpesjak.github.io/website/ | Ulica talcev 1, 3310, Žalec, Slovenia

About me: Being a computer programmer for quite some time now (7 years), I still enjoy a good challenge. Before the pandemic I liked attending seminars and lectures on more advanced subjects, while still deepening my knowledge about Artificial Intelligence, both the ethics as well as the implementation of it. In my spare time I prefer reading books, working out and playing the saxophone.

● EDUCATION AND TRAINING

01/10/2018 – CURRENT – Večna pot 113, Ljubljana, Slovenia
DIPLOMIRANI INŽENIR RAČUNALNIŠTVA IN INFORMATIKE (UN) – Univerza v Ljubljani, Fakulteta za računalništvo in informatiko

Field(s) of study
- Information and Communication Technologies : *Information and Communication Technologies (ICTs) not further defined* | *Computer use* | *Software and applications development and analysis*

EQF level 6 | ECTS | 180 | https://www.fri.uni-lj.si

01/09/2014 – 06/07/2018 – Pot na Lavo 22, Celje, Slovenia
COMPUTER TECHNICIAN – Šolski center Celje, Srednja šola za kemijo, elektrotehniko in računalništvo

Field(s) of study
- Information and Communication Technologies

EQF level 4

● LANGUAGE SKILLS

Mother tongue(s): SLOVENIAN

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C1	C2	C1
GERMAN	B2	B2	B1	B1	B1
ITALIAN	A2	A2	A2	A2	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

Google Gmail | Windows | MS Office (Word PowerPoint Excel) | Touch typing

Advanced computer use

Photo Editing | Robot operating system - ROS | Linux Operating System | Data Science Data Analytics | Operating System Installation | Graphic Design | Android device rooting | C | HTML | Website Development | Git, Github, Bitbucket | Web Technologies | JavaScript | Web Development | RESTful api | Relational databases | Object Oriented Programming (OOP) | Machine Learning

Computer languages

C++ | Java | Git | SQL | Python | HTML5 | JQuery | Assembly Programming | Android (Kotlin + Java) | La
TeX | Arduino (C++) | Javascript | AngularJS | Nodejs | Octave/MATLAB | Shell scripting (BASH) | CSS3 | C#
(ASP.NET, MVC, WebForms, Windows Forms) | C# | TypeScript

● PUBLICATIONS

Publications

- Research work: "Ali je internet prijazen?" (https://plus.si.cobiss.net/opac7/bib/16977715)
- GitHub: https://github.com/DrejcPesjak

● CONFERENCES AND SEMINARS

AI Conferences

- Gašper Beguš, Ph.D.: Kako se umetna inteligenca uči govoriti? (11. 11. 2020, online)
- Umetna inteligenca in digitalni marketing – Kaj pa Watson? -OpenLab (21. 10. 2019, Kranj)
- Umetna inteligenca - malo zares in malo za hec (17. 10. 2019, Ljubljana)
- The subtle art of recommendation (algorithms) (14. 10. 2019, Ljubljana)
- MEi:CogSci Conference (13.-15. 6. 2019, Ljubljana)
- Deep Machine Vision – From Research to Market (25. 4. 2019, Ljubljana)
- Artificial Intelligence at your fingertips with Microsoft Azure (18. 4. 2019, Ljubljana)
- Predavanje Vid Kocijan: Ali ima umetna inteligenca zdravo pamet? (16. 4. 2019, Ljubljana)
- Debata Katedra za Umetno inteligenco (četrtki, FRI)
- Okrogla miza "Možnosti umetne inteligence" EESTEC JobFair (21. 3. 2019, FE)
- Linear Algebra - Gilbert Strang at MIT university
- Konferenca AI4GOOD - Huawei (26. 9. 2018, FRI)
- Andrew Ng course "Machine learning" (Coursera-Stanford University) - Octave
- FeelTheFuture sejem (oktober 2017, Celje)

Online marketing

- Seminar za spletni marketing (februar 2019, Laško)
- Seminar za optimizacijo spletnih strani (december 2016, Novo mesto)

● DRIVING LICENCE

Driving Licence: AM

Driving Licence: B1

Driving Licence: B

PESJAK, DREJC
ULICA TALCEV 1
3310 ŽALEC
Slovenija

Datum: 11. 4. 2021 9:40
Vpisna številka: 63180224

PESJAK, DREJC (63180224) Elektronski indeks

BUN Računalništvo in informatika

	Šifra	Predmet	Ocenil	Letnik	Datum	Opravljanje	KT	Ocena
1	63212	Arhitektura računalniških sistemov	Šter, Branko	1. letnik	14. 06. 2019	1.	6	8
2	63203	Diskretne strukture	Fijavž, Gašper	1. letnik	30. 01. 2019	1.	6	9
3	63205	Fizika	Kerševan, Borut Paul	1. letnik	11. 02. 2019	1.	6	8
4	63207	Linearna algebra	Oblak, Polona	1. letnik	24. 06. 2019	2.	6	10
5	63204	Osnove digitalnih vezij	Zimic, Nikolaj	1. letnik	06. 02. 2019	2.	6	9
6	63215	Osnove informacijskih sistemov	Lavbič, Dejan	1. letnik	06. 06. 2019	1.	6	9
7	63202	Osnove matematične analize	Virk, Žiga	1. letnik	28. 01. 2019	1.	6	8
8	63277	Programiranje 1	Mahnič, Viljan	1. letnik	01. 02. 2019	1.	6	10
9	63278	Programiranje 2	Slivnik, Boštjan	1. letnik	07. 06. 2019	1.	6	8
10	63209	Računalniške komunikacije	Bosnić, Zoran	1. letnik	23. 05. 2019	1.	6	10
11	63279	Algoritmi in podatkovne strukture 1	Kononenko, Igor	2. letnik	27. 01. 2020	1.	6	9
12	63280	Algoritmi in podatkovne strukture 2	Robič, Borut	2. letnik	01. 07. 2020	1.	6	6
13	63283	Izračunljivost in računska zahtevnost	Robič, Borut	2. letnik	03. 09. 2020	2.	6	8
14	63219	Matematično modeliranje	Mramor Kosta, Nežka	2. letnik	17. 06. 2020	1.	6	8
15	63217	Operacijski sistemi	Robič, Borut	2. letnik	22. 06. 2020	1.	6	7
16	63218	Organizacija računalniških sistemov	Bulić, Patricio	2. letnik	21. 01. 2020	1.	6	7
17	FS2050	Osnove mehatronike	Majerič, Matej	2. letnik	03. 07. 2020	1.	5	7
18	63208	Osnove podatkovnih baz	Bajec, Marko	2. letnik	29. 01. 2020	1.	6	9
19	63220	Principi programskih jezikov	Bauer, Andrej	2. letnik	24. 06. 2020	1.	6	9
20	63216	Teorija informacij in sistemov	Lotrič, Uroš	2. letnik	15. 06. 2020	1.	6	7
21	63213	Verjetnost in statistika	Jurišić, Aleksandar	2. letnik	30. 01. 2020	1.	6	8
22	63266	Inteligentni sistemi	Robnik Šikonja, Marko	3. letnik	21. 01. 2021	1.	6	10
23	63214	Osnove umetne inteligence	Bosnić, Zoran	3. letnik	12. 02. 2020	1.	6	9
24	63254	Postopki razvoja programske opreme	Jurič, Matjaž Branko	3. letnik	28. 01. 2021	1.	6	9
25	63255	Spletno programiranje	Lavbič, Dejan	3. letnik	20. 01. 2021	1.	6	9
26	63267	Umetno zaznavanje	Kristan, Matej	3. letnik	05. 02. 2021	1.	6	8
27	63251	Uvod v odkrivanje znanj iz podatkov	Zupan, Blaž	3. letnik	18. 01. 2021	1.	6	9

Povprečne ocene po študijskih letih

Študijsko leto	Število opravljenih izpitov	Kreditne točke	Skupno povprečje
2018/19	10	60	8,9
2019/20	12	71	7,833
2020/21	5	30	9

Skupna povprečna ocena

Število opravljenih izpitov	Kreditne točke	Skupno povprečje
27	161	8,444

Šolski center Celje
Srednja šola za kemijo, elektrotehniko in računalništvo
Pot na Lavo 22
3000 Celje
Slovenija

CERTIFICATE SUPPLEMENT

VOCATIONAL MATURA

Drejc PESJAK
(Surname and first name)

Ljubljana, 18.3.1999
(Date and place of birth)

Certificate No.: 1994

Place and date of issue: Celje, 6.7.2018

Signature of the competent person:

Mojmir Klovar, ravnatelj

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EUROPASS CERTIFICATE SUPPLEMENT (*)

1. TITLE OF THE CERTIFICATE AND OF THE EDUCATION PROGRAMME (SL) (1)
Spričevalo o poklicni maturi po izobraževalnem programu:
TEHNIK RAČUNALNIŠTVA
(ID: 974183)
(1) In native language.

2. TRANSLATED TITLE OF THE CERTIFICATE AND OF THE EDUCATION PROGRAMME (EN) (1)
School-leaving certificate:
COMPUTER TECHNICIAN
(ID: 974183)
(1) This translation has no legal status.

3. ACQUIRED KNOWLEDGE, SKILLS AND PROFESSIONAL COMPETENCES

The holder of the certificate is qualified to:

- read, plan, elaborate, monitor and amend technical documentation in line with requisite instructions and by employing ICT;
- the use of organization of work concepts and economics in a professional area;
- programme simple applications on programmable devices as well as programme, assemble and wire programmable relays;
- set up necessary operating system settings and provide basic support to users when employing user software;
- compile, maintain, rectify errors and service computer hardware;
- lay and wire different forms of electric and communication installations, connect users and carry out basic maintenance works;
- connect electric installation elements in switching, distribution and outlet-coupling devices as well as select and connect electrical protection;
- set up, maintain, protect and provide the restoration of network services;

Optional:
Planning and development of software applications:
- plan the development of simple computer programmes;
- make and test small parts in big programmes;
Advanced use of databases:
- archive and restore databases, launch complex searches;
- draw up server procedures and triggers for applying business rules and dealing with exceptions;
Computer design:
- use digital photo capture devices;
- design web sites and other documents for the electronic media;

In addition, the holder of the certificate also upgraded his/her key professional skills and competences with key general knowledge and skills in line with national standards.

4. RANGE OF OCCUPATIONS ACCESSIBLE TO HOLDER OF THE CERTIFICATE

The holder of the certificate can find employment at:

- areas pertaining to the setting up and maintenance of local computer networks and connections through public networks namely training participants with elective modules in communication systems;
- areas pertaining to the setting up and maintenance of IT systems namely training participants with elective modules in communication systems;
- areas pertaining to computer programme planning and design namely training participants with elective modules in programming;
- web site design namely training participants with elective modules in computer design.

5. OFFICIAL BASIS OF THE CERTIFICATE	
Name and status of the body awarding the certificate Šolski center Celje Srednja šola za kemijo, elektrotehniko in računalništvo Pot na Lavo 22 SI-3000 Celje The institution is accredited with the Ministry of Education, Science and Sport.	**Name and status of the national/regional authority providing accreditation/recognition of the certificate** Ministry of Education, Science and Sport Masarykova 16 SI-1000 Ljubljana **http://www.mss.gov.si/**
Level of the certificate (national or international) Technical secondary education European classification ISCED 3 National classification [1] KLASIUS-SRV: 15001 KLAISUS-P: 4812	**Grading scale** 5 – excellent 4 – very good 3 – good 2 – sufficient
Access to next level of education/training Education programme completed with a vocational matura exam enables entrance to study programmes in both higher and high specialist education. Upon an additional requirement in passing one of the general matura exams, as well as entrance to relevant university study programmes that enable this possibility.	**International agreements** The Republic of Slovenia has concluded agreements on the recognition of education with individual countries. The relevant information is available at ENIC/NARIC - the National Academic Recognition Information Centre.

Legal basis

Organisation and Financing of Education Act (Uradni list RS, no. 16/07 and 36/08)
Vocational and Technical Education Act (Uradni list RS, no. 79/06)

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE	
Time of the education	4 years
Number of credits[2]	240 credits
General education	100 credits
Professional education	87 credits
Practical education at the employer	7 credits
Extracurricular activities	14 credits
Open curriculum[3]	28 credits
Vocational matura	4 credits

Entry requirements

The programme can be attended by anyone who has completed the programme of primary education or lower vocational education or equivalent education in line with previous regulations.

Additional information

- Ministry of Education, Science and Sport (http://www.mss.gov.si/): Education programme and description of education and schooling in Slovenia
- National Reference Point for Vocational Qualifications - NRP (http://www.nrpslo.org)
- National Europass Centre (www.europass.si)

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[1] Classification system in education and training – KLASIUS (Official Journal of the Republic of Slovenia, No. 46/06) comprises two sub-systems: Classification of activity types/education and training results (KLASIUS-SRV) and Classification of activity areas/education and training results (KLASIUS-P).
[2] One credit equals 25 hours of candidate's work.
[3] Goals of the open curriculum are defined by schools in cooperation with employers

GENERAL EDUCATION:

1. Slovene (24 credits)
2. Mathematics (19 credits)
3. Foreign language - **English** (20 credits)
4. Art (3 credits)
5. History (5 credits)
6. Geography (3 credits)
7. Sociology or psychology (3 credits)
8. Physics (6 credits)
9. Chemistry (3 credits)
10. Physical education (14 credits)

PROFESSIONAL EDUCATION:

Mandatory Modules in Specialist Education (63 credits)
1. Computer systems with technical communication (6 credits)
2. Use of ICT in administration (6 credits)
3. Management of programmable systems (8 credits)
4. IT hardware maintenance (7 credits)
5. IT software maintenance (7 credits)
6. Making electrical and communication installations (6 credits)
7. Set up and maintenance of network servicing (7 credits)
8. Web application planning and development (9 credits)
9. Database planning and set up of (7 credits)

Optional Modules in Specialist Education (24 credits)
10. **The designing and development of programmed applications/8**
11. **The advanced usage of data bases/8**
12. **Computer designing/8**

OPEN CURRICULUM (28 credits):
The open curriculum is determined by the school in cooperation with companies on the local level.
1. **Professional arithmetic / 4**
2. **Computer Practicum /5**
3. **Modern contents field / 9**
4. **Professional terminology /4**
5. **Communication / 3**
6. **Automatic and robotics /3**

PRACTICAL EDUCATION:
1. Practical training in school / **30**
2. Practical training through work placement / **7** - **The maintenenace of computers and computer equipment**

EXTRACURRICULAR ACTIVITIES (14 credits):
Extracurricular activities involve compulsory activities, programme-related content and electives.
- **activities associated with the program**

VOCATIONAL MATURA:
Mandatory part:
- written and oral exam of Slovenian language
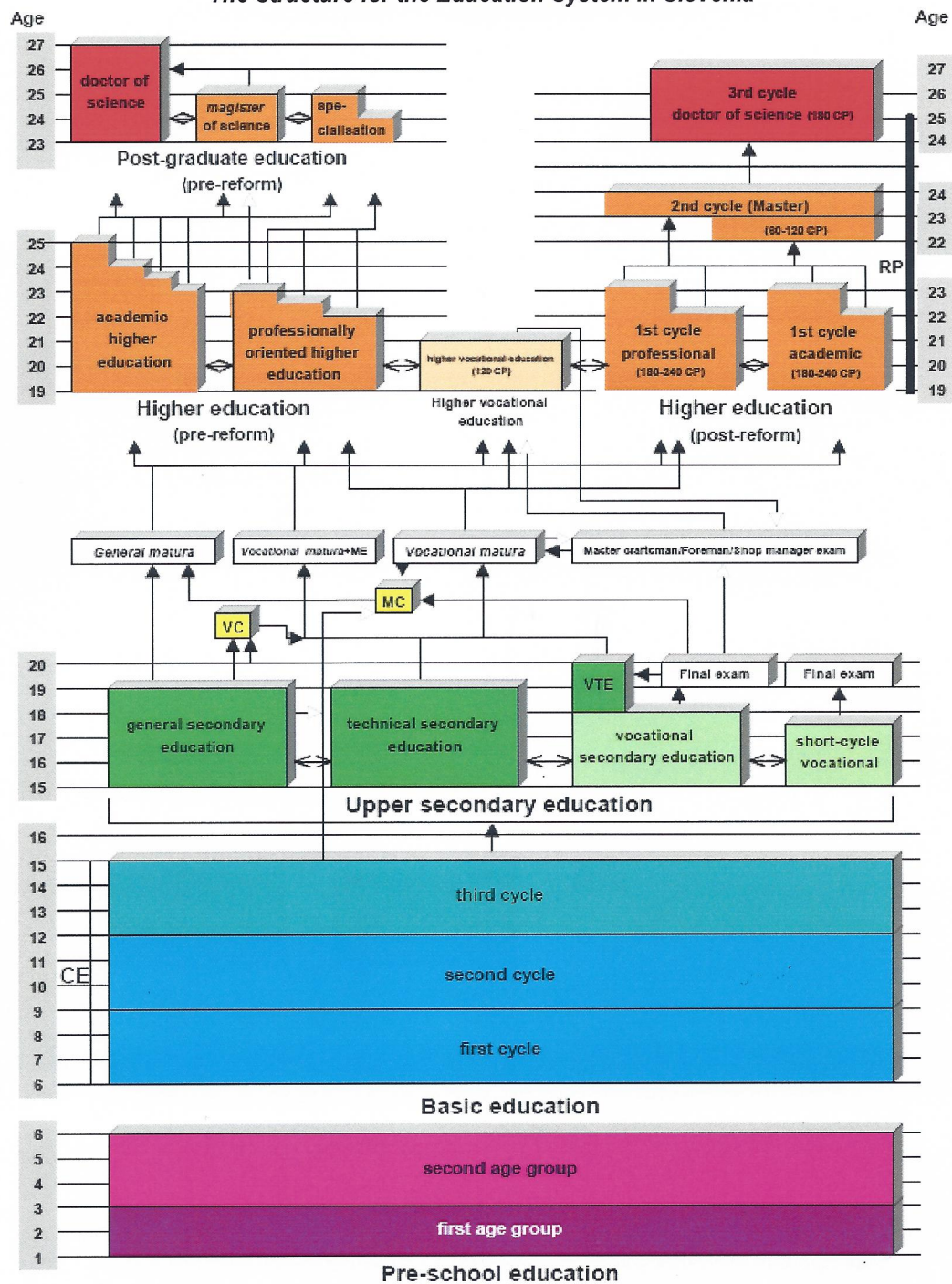- written and oral exam in Computer science.

Optional part:
- written and oral exam in a Foreign language or Mathematics
- presenting and defending a project or service (4 credits) : World wide web without hate?

OTHER NOTES:
BRONZE RECOGNITION AT LOGIC COMPETITION, SILVER RECOGNITION AT MATHEMATICS COMPETITION, SILVER RECOGNITION AT NATIONAL COMPETITION "ZNANOST MLADITI"

The Structure for the Education System in Slovenia

Legend: CE - compulsory education   RP - study programmes according to EU directives (regulated professions)   CP - credit points
⬅ general access   access under certain conditions   VTE - vocational-technical education   VC - vocational course
⟷ transfer   MC - matura course   ME - additional exam in one matura subject

Republika Slovenija
Državni izpitni center

CERTIFICATE IN ENGLISH

This is to certify that

DREJC PESJAK

born on __18.3.1999__ in __Ljubljana__

passed __English in the Vocational Matura Examination__ with __85 %__

and has proved to be competent in English language at the CEFR level __B1__.

Date of examination: __2.6.2018__

Scores in individual parts of the examination:

Reading	77 %
Grammar and Vocabulary	/
Listening	/
Writing	73 %
Speaking	100 %

Certificate Number: 60320-PM-14316

Place and Date of Issue: Ljubljana, 6.7. 2018

Director of the National Examinations Centre

dr. Darko Zupanc