

# Curriculum Vitae

## I. Personal information

Name / Last name	Luka Kurnjek	
Nationality	Slovenian	
Current location	Slovenia, European Union	
Contact	<a href="https://si.linkedin.com/in/luka-kurnjek-9368b922a">https://si.linkedin.com/in/luka-kurnjek-9368b922a</a>	
GitHub	<a href="https://github.com/LukaKurnjek">https://github.com/LukaKurnjek</a>	

## II. Language skills

	Listening	Speaking	Reading	Writing
English (proficient)	C1	C1	C1	C1
German (proficient)	C1	C1	C1	C1
Certificates:	Oxford English Certificate C1 (2007), Goethe German Certificate C1 (2014)			
Note:	<a href="#">CEFR scale explained</a>			

## III. Computer skills

1. Technical writing and development skills	<ul style="list-style-type: none"><li>- am able to read and write basic code in: Haskell, JavaScript/TypeScript, Python</li><li>- can explain technical subjects to broader audiences</li><li>- can write automated tests in Squish (for Qt apps) and TestCafe (for webpages)</li><li>- understand basics of blockchain technology and can read/write Cardano smart contracts</li></ul>
2. Other IT skills	<ul style="list-style-type: none"><li>- can work with RedHat and Debian based Linux OS</li><li>- can setup a VM (Vmware/VirtualBox), WSL or Docker</li><li>- have automation experience with Ansible</li><li>- can work with Git and Jira/Confluence</li></ul>

## IV. Work experience

### 1. Input Output Group (IOG Education)

[www.iog.io](http://www.iog.io)

*Duration of work:* August 2022 - December 2025

*Description of work:*

- wrote the majority of the [Writing smart contracts](#) chapter for the [Mastering Cardano](#) book (100+ pages)
- worked on Cardano smart contract and off-chain code for the [Plutus pioneer program](#)
- worked on the code for the [Haskell course](#)
- wrote an education course for the Lace Cardano wallet
- created several educational presentations (blockchain introduction, wallets, Cardano security)

### 2. Two gap years (education and self-growth)

*Duration of period:* July 2020 - July 2022

*Description of work:*

- learned the Haskell programming language
- learned some Python skills (PyQt, Flask REST API)

### 2. Cosylab (Control System Laboratory)

[www.cosylab.com](http://www.cosylab.com)

*Duration of work:* January 2017 - July 2020

*Description of work:*

- coding automated GUI tests for Qt app in Python,
- automatizing deployment of software with Ansible
- preparing Docker images and VMs for developers
- writing user documentation and tender applications
- basic development of control system software with WinCC OA (C-like programming with OOP features)

### 4. Agrosphere IBG-3, Institute (Research center Jülich, Germany)

*Duration of work:* February 2015 - June 2016

*Type of work:* DBU scholarship for environmental research

*Description of work:*

- geophysical imaging of subsurface earth layers
- organizing field trips for measurements
- evaluation of results in Python

## V. Personality and free time activities

### 1. Personality

*Motivated* for finding a solution for my problems.

*Practical* in organizing my work and time schedule.

*Helpful* when working with other colleagues in a team.

2. Hobbies	<i>Swimming, supping, bicycling and hiking</i> in nature. <i>Reading and listening to music.</i>
3. Interests	Like to read about blockchain technology and have an interest in educating the general public about it.

## VI. Volunteer work

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1. IAESTE Slovenia <i>(National committee and Local committee Ljubljana)</i> <a href="https://iaeste.org/about">https://iaeste.org/about</a>	<p><i>Duration of work:</i> February 2011 - January 2015 June 2016 - September 2017</p> <p><i>Positions held:</i></p> <ul style="list-style-type: none"> <li>- coordinator for unused offers</li> <li>- treasurer of local and national committee</li> <li>- president of national committee Slovenia</li> </ul> <p><i>Description of work:</i></p> <ul style="list-style-type: none"> <li>- negotiations with companies for internships</li> <li>- processing applications for foreign internships</li> <li>- marketing and giving presentations at faculties</li> <li>- organization of conferences (+200 attendees)</li> <li>- leading the educational project iTECH IAESTE</li> <li>- working on finances and tender applications</li> <li>- arranging work permits for foreign students</li> <li>- organizing summer reception activities</li> <li>- leading IAESTE Slovenia (mentoring students, representing country at international meetings)</li> </ul>
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## VII. Education

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1. Faculty of Civil Engineering <i>(University of Ljubljana, Slovenia)</i>	<p><i>Date of attendance:</i> October 2006 - September 2012</p> <p><i>Title of qualification:</i> Diploma engineer</p> <p><i>Average grade:</i> 8.82 (1-10 system with 10 being maximum)</p> <p><i>Activities:</i></p> <ul style="list-style-type: none"> <li>- designing structures, tutoring other students</li> <li>- programming in Matlab</li> </ul>
2. Faculty of Mathematics and Physics <i>(University of Ljubljana, Slovenia)</i>	<p><i>Date of attendance:</i> October 2012 - September 2014</p> <p><i>Study program:</i> Bachelor in Physics</p> <p><i>Average grade:</i> 9.15 (1-10 system with 10 being maximum)</p> <p><i>Activities:</i></p> <ul style="list-style-type: none"> <li>- programming in C and HTML</li> </ul> <p><i>Program duration:</i> 3 years (finished only 1.5 years)</p>