

# Curriculum Vitae

## I. Personal information

Name / Last name	Luka Kurnjek	
Nationality	Slovenian	
Contact	<a href="https://si.linkedin.com/in/luka-kurnjek-9368b922a">https://si.linkedin.com/in/luka-kurnjek-9368b922a</a>	
Current location	Slovenia, EU	
Availability for work	20 – 30 h/week Can sign a contract through my own company.	

## II. Language skills

	Listening	Speaking	Reading	Writing
English (proficient)	C1	C1	C1	C1
German (proficient)	C1	C1	C1	C1
Certificates:	Aspect College Oxford Certificate C1 (2007), Goethe Certificate C1 (2014)			

## III. Computer skills

1. Technical writing and development skills	<ul style="list-style-type: none"><li>- Can explain technical subjects to broader audiences</li><li>- Am able to read and write basic code in: Haskell, JavaScript/TypeScript, Python</li><li>- Understand smart contract development on Cardano and can read and write PlinH/Aiken/MeshJS code</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 some experience with Ansible</li><li>- Can work with Git and Jira/Confluence</li></ul>

## IV. Work experience

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1. Input Output Group (IOG Education)  <a href="http://www.iog.io">www.iog.io</a>	<i>Duration of work:</i> August 2022 - December 2025 <i>Description of work:</i> <ul style="list-style-type: none"><li>- wrote the majority of the <a href="#">Writing smart contracts</a> chapter for the <a href="#">Mastering Cardano</a> book (100+ pages)</li><li>- worked on Cardano smart contract and off-chain code for the <a href="#">Plutus pioneer program</a></li><li>- wrote an education course for the Lace Cardano wallet</li><li>- created several educational presentations (blockchain introduction, wallets, Cardano security)</li></ul>
2. Two gap years (education and self-growth)	<i>Duration of period:</i> July 2020 - July 2022 <i>Description of work:</i> <ul style="list-style-type: none"><li>- learned the Haskell programming language</li><li>- learned some Python skills (PyQt, REST API)</li></ul>
2. Cosylab (Control System Laboratory) <a href="http://www.cosylab.com">www.cosylab.com</a>	<i>Duration of work:</i> January 2017 - July 2020 <i>Description of work:</i> <ul style="list-style-type: none"><li>- coding automated GUI tests for Qt app in Python,</li><li>- automatizing deployment of software with Ansible</li><li>- preparing Docker images and VMs for developers</li><li>- writing user documentation and tender applications</li><li>- basic development of control system software with WinCC OA (C-like programming with OOP features)</li></ul>
4. Agrosphere IBG-3, Institute (Research center Jülich, Germany)	<i>Duration of work:</i> February 2015 - June 2016 <i>Type of work:</i> DBU scholarship for environmental research <i>Description of work:</i> <ul style="list-style-type: none"><li>- geophysical imaging of subsurface earth layers</li><li>- organizing field trips for measurements</li><li>- evaluation of results in Python</li></ul>

## V. Personality and free time activities

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1. Personality	<i>Motivated</i> for finding a solution for my problems. <i>Practical</i> in organizing my work and time schedule. <i>Helpful</i> 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.
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## VI. Volunteer work

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1. IAESTE Slovenia (National committee and Local committee Ljubljana) <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 (University of Ljubljana, Slovenia)	<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 and Python</li> </ul>
2. Faculty of Mathematics and Physics (University of Ljubljana, Slovenia)	<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 Python</li> </ul> <p><i>Program duration:</i> 3 years (finished only 1.5 years)</p>