# Curriculum Vitae

## I. Personal information

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|---|---|
| Name / Last name | Luka Kurnjek |
| Nationality | Slovenian |
| Current location | Slovenia, European Union |
| LinkedIn | https://si.linkedin.com/in/luka-kurnjek-9368b922a |
| Availability for work | Up to 6h / day (30h / week) |

## 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: | CEFR scale explained | | | |

## III. Computer skills

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| 1. Technical writing and development skills | - am able to read and write basic code in: Haskell, JavaScript/TypeScript, Python<br>- have more then 3 years of technical writing experience<br>- can write automated tests in Squish (for Qt apps) and TestCafe (for webpages)<br>- understand basics of blockchain technology and can read/write Cardano smart contracts |
| 2. Other IT skills | - can work with RedHat and Debian based Linux OS<br>- can setup a VM (Vmware/VirtualBox), WSL or Docker<br>- have automation experience with Ansible<br>- can work with Git and Jira/Confluence |

## IV. Work experience

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| 1. Input Output Group (*worked for IOG Education department*)<br><br>www.iog.io | *Duration of work:* August 2022 - December 2025<br>*Description of work:*<br>- wrote the majority of the Writing smart contracts chapter (100+ pages) for the Mastering Cardano book<br>- writing Cardano smart contract on-chain and off-chain code for the Plutus pioneer program<br>- writing code examples for the IOG Haskell course<br>- preparing an education course for Lace Cardano wallet<br>- creating several educational presentations (blockchain introduction, wallets, Cardano security) |
| 2. Two gap years *(education and self-growth)* | *Duration of period:* July 2020 - July 2022<br>*Description of work:*<br>- learning to code in Haskell programming language<br>- learning to code with Python libraries (PyQt, Flask) |
| 3. Cosylab *(Control System Laboratory)* www.cosylab.com | *Duration of work:* January 2017 - July 2020<br>*Description of work:*<br>- coding automated GUI tests for Qt app in Squish<br>- automatizing deployment of software with Ansible<br>- preparing Docker images and VMs for developers<br>- writing user documentation and tender applications<br>- 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<br>*Type of work:* DBU scholarship for environmental research<br>*Description of work:*<br>- geophysical imaging of subsurface earth layers<br>- organizing field trips for measurements<br>- evaluation of results in Python |

## V. Personality and free time activities

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| 1. Personality | *Motivated* for finding a solution for my problems.<br>*Practical* in organizing my work and time schedule.<br>*Helpful* when working with other colleagues in a team. |

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| 2. Hobbies | *Swimming, supping, bicycling* and *hiking* in nature. *Reading* and *listening* to music. |
| 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 *(National committee and Local committee Ljubljana)* https://iaeste.org/about | *Duration of work:* February 2011 - January 2015<br>                                June 2016 - September 2017<br>*Positions held:*<br>- coordinator for unused offers<br>- treasurer of local and national committee<br>- president of national committee Slovenia<br>*Description of work:*<br>- negotiations with companies for internships<br>- processing applications for foreign interships<br>- marketing and giving presentations at faculties<br>- organization of conferences (+200 attendees)<br>- leading the educational project iTECH IAESTE<br>- working on finances and tender applications<br>- arranging work permits for foreign students<br>- organizing summer reception activities<br>- leading IAESTE Slovenia (mentoring students, representing country at international meetings) |

# VII. Education

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| 1. Faculty of Civil and Geodetic Engineering *(University of Ljubljana, Slovenia)* | *Date of attendance:* October 2006 - September 2012<br>*Study program:* Civil engineering (structures)<br>*Average grade:* 8.82 (1-10 system with 10 being maximum)<br>*Activities:*<br>- designing structures, tutoring other students<br>- programming in Matlab<br>*Program duration:* 5 years (graduated) |
| 2. Faculty of Mathematics and Physics *(University of Ljubljana, Slovenia)* | *Date of attendance:* October 2012 - September 2014<br>*Study program:* Bachelor in Physics<br>*Average grade:* 9.15 (1-10 system with 10 being maximum)<br>*Activities:*<br>- programming in C and HTML<br>*Program duration:* 3 years (finished only 1.5 years) |