

# Tobias Karuth

Birth.: 19.11.2008, Cologne

Schopenhauerstr.7, 51147 Cologne Germany

+49 152 38585144 | [tobiaskaruth@gmail.com](mailto:tobiaskaruth@gmail.com)

## Education

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| 8.2019        | <b>Lessing-Gymnasium</b> , Cologne Porz          | <ul style="list-style-type: none"><li>• Estimated completion 2028 with German Abitur</li><li>• Favourite subjects: Mathematics, Physics, Computer Science</li></ul> |
| 8.2015 - 2019 | <b>Peter-Petersen-Grundschule</b> , Cologne Porz |   |

## Certificates

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| 7.2022 | <b>CS50x</b> Introduction to Computer Science by Harvard University | <ul style="list-style-type: none"><li>• All Week Submission 100% out of 100% reached</li><li>• Used programming languages: Python, C, Javascript, Sqlite3 (HTML, CSS, Flask)</li></ul> |
| 6.2022 | <b>Introduction to Python3</b> Course by CosmodiumCS                | <ul style="list-style-type: none"><li>• Data-Science</li><li>• OOP (Object Oriented Programming)</li></ul>   |
| 9.2022 | <b>GitHub Global Campus</b> Student                                 |  |

## Projects

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| 2022 | <b>Franchise Website</b> (Trashy)                                 | <ul style="list-style-type: none"><li>• 2 weeks of development using Python(Flask), SQLite, HTML, CSS, JavaScript</li></ul> |
| 2022 | <b>My own Website</b> (portfolio and Blog)                        | <ul style="list-style-type: none"><li>• 3 weeks of development using Python(Django), MySQL, HTML, SASS</li></ul>            |
| 2022 | <b>IPMap</b> (A website to look up IP address locations on a map) | <ul style="list-style-type: none"><li>• 1 week of development using Python(Flask, folium), HTML, CSS, JavaScript</li></ul>  |

## Skills & Interests

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| Languages  | German (Nativ), English (fluent), Französisch (beginner)   |
| Technology | Python(Flask, Django, Pandas), C, SQL(SQLite, MySQL), TCP/IP, Linux, Windows, Visualisation (VMs), JavaScript, HTML, CSS, Bash, QISKIT |
| Interests  | IT-Security, Quantum computing, Data-Science, Algorithm, Handball, Drums playing   |