

Tobias Karuth

Birth.: 19.11.2008, Cologne

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Education

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

Certificates

12.2022	Introduction to Mathematical Thinking by Stanford University	<ul style="list-style-type: none">• Final grade 95.54 % out of 100%• Topics covered: Proofs, Number theory, Real analysis
7.2022	CS50x Introduction to Computer Science by Harvard University	<ul style="list-style-type: none">• All Week Submission 100% out of 100% reached• Used programming languages: Python, C, Javascript, Sqlite3 (HTML, CSS, Flask)
6.2022	Introduction to Python3 Course by CosmodiumCS	<ul style="list-style-type: none">• Data-Science• OOP (Object Oriented Programming)
9.2022	GitHub Global Campus Student	

Projects

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

Skills & Interests

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 playing