Nepomuk Crhonek

I love programming!

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me@nepomuk.tech, +41 78 223 8760
Starting 3rd year of Secondary School in Aug 2023
(Beginner) Tech-stack: C++, C#, Flutter, Java, Python, SwiftUI
Mother Tongue: German
Other Languages: English, Czech and French

Experience, Projects and Workshops

2020 - Current
Apple AppStore and Google Play Apps
Developed and published two games and one messenger app for our school on AppStore – NePong, NeTick, and EngelInternat. Currently developing a math-learning app for Google Play Store.

Summer 2023
AI and Machine Learning Academy with NVIDIA, iD Tech, Stanford University, Palo Alto, USA
Various machine learning, computer vision, and language model projects
Four weeks

Autumn 2022, Winter 2023, Spring 2023
Burlington School of English, London, UK
Intensive English classes
Total of five weeks

Summer 2021 and Summer 2022
Lyceum Alpinum Programming Summer School, Zuoz, Switzerland
Intensive English and Programming - Arduino, Ubuntu Server, SwiftUI

Summer 2022
Morga AG, Ebnat-Kappel, Switzerland
Packing and palettizing teabags and peanuts from 6.45 to 17.15 for CHF 8 per hour

2023 Mini- Apprenticeships ("Schnupperlehren")
Google, InfoGuard, Swisscom, Kooth, Clearstar Labs

Tech Projects and Experiences
- Raspberry Pi face recognition program, Python program for website analysis, web-scraping and automatic interactions
- Delivered a Cybersecurity Measures Mini-Course at my Boarding School
- Microsoft Visual Studio compounding interest calculator in C++
- Minecraft mods, Discord bot in Java, Crypto trading bot in Java

Education
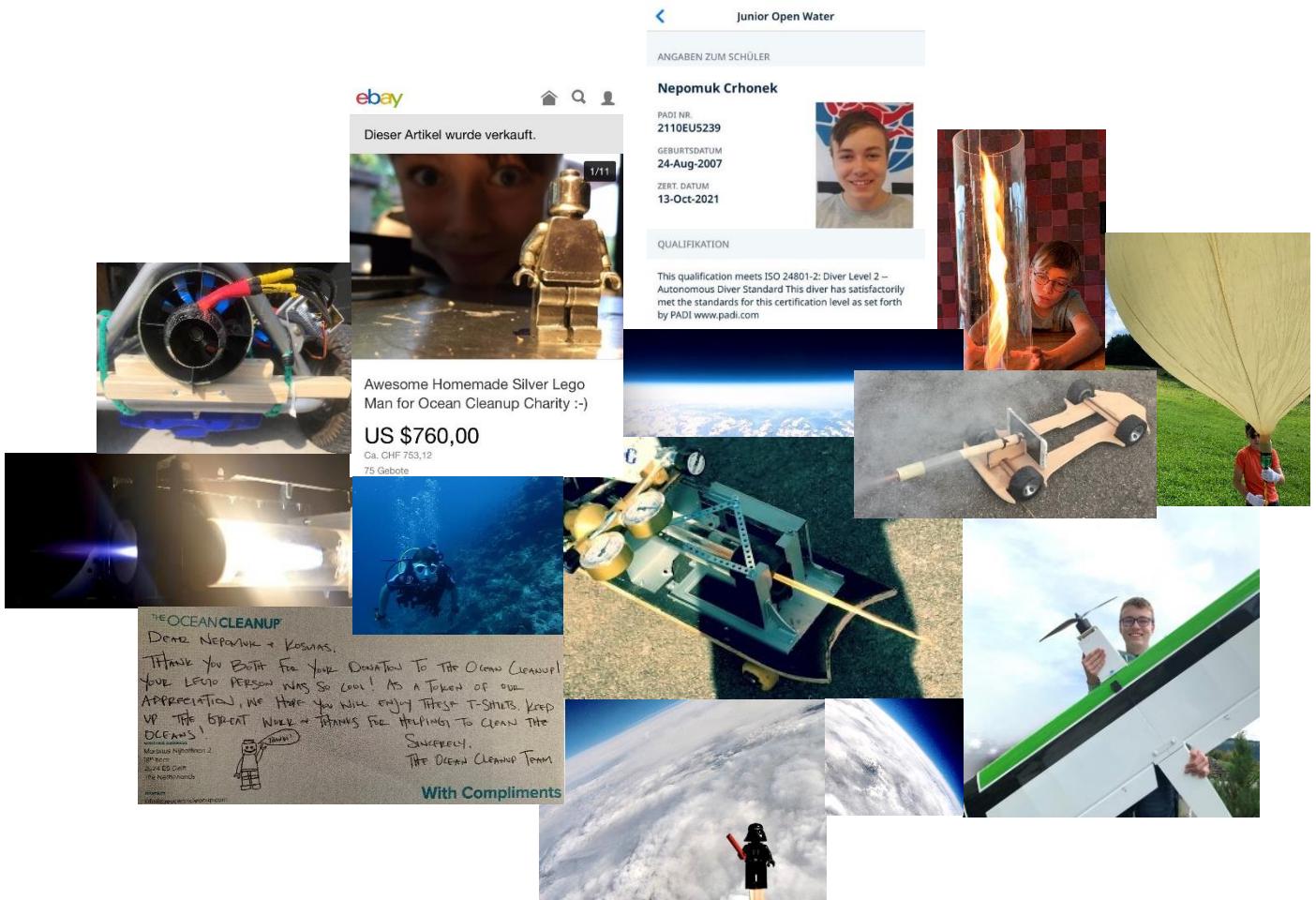
2022 - Current
IOS Boarding School, Engelberg
2015 - 2022
Primar- und Sekundarschule Spelterini, St. Gallen

Hobbies

Model Airplane Pilot and Science Enthusiast

I fly petrol and electric model airplanes. With my younger brother and father I released a stratospheric balloon to 35km above the earth surface with an on-board computer and a GPS locator, sand-casted a silver Lego man and auctioned it off on eBay for the benefit of Ocean Cleanup Project, soldered a radio, built a hybrid rocket engine powered by compressed oxygen and acrylic and installed it on a skateboard, mounted an airplane engine on a go cart, launched rockets with home-made solid rocket fuel, etc. I also hold the PADI Junior Open Water Diver Certification.

Address

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6390 Engelberg

References

IOS Engelberg, Class Teacher IOS 2.2:
Catherine Stalder-Amberg, c.stalder@schule-engelberg.ch, +41 76 437 37 27

IOS Engelberg, Headmaster:
Hans Matter, h.matter@schule-engelberg.ch, +41 78 707 06 06