Moritz Birghan

Software Engineer

CONTACT

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PROFESSIONAL EXPERIENCE

Co-Founder | Oct 2024 – Present
Stealth

- Building …

Software Development Engineer | Jun 2022 – Sep 2024
Amazon

- Developing model training and inference infrastructure for all of Amazon Music
- Owned cross team integration between multiple ML services
- Designed and implemented model monitoring service for training and inference
- Reduced training infrastructure costs by 91%

Software Engineer | Apr 2021 – May 2022
Mozilla

- Developed a cross platform VPN application in C++.
- Improved the development process by extending the CI
- Implemented creative solutions to ensure data privacy and security
- Led other engineers in larger projects
- Owned the iOS code and other parts of the codebase

Security Engineer (Student Worker) | Apr 2019 – Mar 2021
Mozilla

- Implemented a testing framework for cryptographic algorithms and built tools for the management of certificates
- Focused on the improvement of the certificate manager of Firefox
- Accomplished developing new features and modernizing the code
- Languages: C++ and JavaScript

Software Engineer (Student Worker) | Dec 2018 – Mar 2019
StayFriends

- Implemented data management improvements for the server backend with Java and MongoDB

Software Engineer (Student Worker) | Jan 2017 – Nov 2018
czichos.net

- Developed an IoT controller for an injection molding machine in Lua
- Engineered a NodeJS server for CTI applications via SIP in JavaScript using MySQL

EDUCATION

Freie Universität Berlin | Oct 2016 – Apr 2021
Bachelor of Science in Computer Science

PUBLICATIONS

A Client–Side Seat to TLS Deployment | 25th July 2022
IEEE

SKILLS

C++
Advanced

JavaScript / TypeScript
Advanced

Python
Intermediate

Java
Intermediate