

## Contact

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[github.com/Oidlichtnwoada](https://github.com/Oidlichtnwoada)  
(Portfolio)

## Top Skills

Python (Programming Language)  
TypeScript  
Machine Learning

## Languages

English (Full Professional)  
German (Native or Bilingual)

## Publications

Smart Manufacturing Retrofit for  
Brownfield Systems

# Hannes Brantner

Computer Science Chameleon  
Vienna, Vienna, Austria

## Summary

winners focus on winning ... losers focus on winners

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## Experience

### EfficientIO - Intelligent Connections

#### Head of Software Development

May 2022 - December 2023 (1 year 8 months)

Vienna, Austria

- Development/Maintenance of a microservices architecture backend (Go/Python, Docker, Kubernetes, Terraform) and a frontend website/app (Vue, Capacitor) for a B2B energy monitoring and controlling solution
- Architecting/Development/Maintenance of a microservices architecture backend (NestJS/Prisma, Serverless, AWS Lambda, Terraform) and a frontend app (Angular, Tailwind CSS, Capacitor, Storybook, NgRx) for a B2C energy monitoring solution using Nx as monorepo tool while ensuring 100% unit test coverage, 100% documentation coverage, no linter warnings and consistently formatted code
- Led a team of up to 6 software/research/infrastructure engineers which included work like requirements gathering, task specification writing, task problem resolution and task progress monitoring
- Responsibility for DevOps in both solutions using GitHub Actions (CI, CD, static code analysis), the Apple App Store and the Google Play Store

### Henry Schein One

#### Software Engineer

July 2021 - May 2022 (11 months)

Vienna, Austria

- Implementation of the initial DevOps pipeline using GitHub Actions (CI, CD, static code analysis)
- Development/Maintenance of a dental practice management software (C++, MFC)
- Migration of the whole codebase and build toolchain from the C++11 to the C++20 standard

- Refactored major code parts to resolve problems and bugs reported by the static code analysis

## Siemens

### Software Engineer

March 2021 - June 2021 (4 months)

Vienna, Austria

- Implementation of a factory simulator that was used as an environment for deep reinforcement learning (C++, Python, Stable Baselines)
- Containerization of the factory simulator (Docker)

## TTTech Industrial

### Software Engineer

July 2020 - September 2020 (3 months)

Vienna, Austria

- Development of an OPC UA FX prototype (C)
- Written automated test cases for an edge computing platform (Python)

## Raiffeisen Software GmbH

### Software Engineer

August 2018 - August 2019 (1 year 1 month)

Vienna

- Full Stack Developer in a customer management software project (Java/Jakarta EE, TypeScript/Angular, SQL)
- Responsibility for automation of front-end (LeanFT) and back-end test cases (JMeter)

## Österreichisches Rotes Kreuz Niederösterreich

### Paramedic

January 2017 - September 2017 (9 months)

Mistelbach

- First responder in numerous medical emergencies including resuscitation
- Patient transports with highly infectious bacteria, especially MRSA and Tuberculosis

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## Education

### Donau-Universität Krems

Master of Business Administration - MBA, Master in Business Administration · (2021 - 2024)

Vienna University of Technology

Master of Science - MS, Computer Engineering · (2019 - 2021)

Vienna University of Technology

Bachelor of Science - BS, Computer Engineering · (2016 - 2019)

Francisco Josephinum Wieselburg

High School Diploma, Agriculture, General · (2011 - 2016)