

Contact

www.linkedin.com/in/

Top Skills

Python (Programming Language)

TypeScript

Machine Learning

Languages

English (Full Professional)

German (Native or Bilingual)

Publications

Smart Manufacturing Retrofit for Brownfield Systems

Emanuelle Fought

Computer Science Chameleon

Austria

Summary

winners focus on winning ... losers focus on winners

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

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)