

CAREER PROFILE

In the course of my technical education at the HTBLA Rennweg in Vienna I got an in-depth look into a variety of technical areas and until my graduation electronics and informatics were the most interesting for me. My downright positive experiences at my internships as well as with my diploma project reinforced my decision to move to Graz and take up undergraduate studies in the field of Biomedical Engineering. After an eventful one-year voluntary service in Cambodia I decided to come back to Graz to continue my studies and pursue my professional objectives. Recently I got the chance to work with bleeding edge technology to help build a microservice architecture for services processing data originating from autonomous vehicles and newest roadside structures. Since I have got a clear vision now, of how I want my future field of work to look like, I am committed to focus on expanding my experience in software development both on an educational as well as on a professional level.

EXPERIENCES

SW Engineer Autonomous Driving

August 2018 - May 2019

ALP.Lab GmbH, Graz

Setup Cloud Infrastructure in MS Azure, Development of Microservices in Go, Python and Node.js with gRPC Remote Procedure Calls Interfaces, Continuous Deployment/Automated Testing with Docker and Git, Container Orchestration with Kubernetes, Python and Shell Scripting

Hardware Developer Embedded Systems

November 2017 - June 2018

NXP Semiconductors Austria, Gratkorn

Setup of PoC (proof of concept) reference systems for Near Field Communication (NFC) and Wireless Charging (Qi) applications and precise measurements, Validation and testing of hardware setups and new antenna designs, Development of schematics and Printed Circuit Boards (PCB) for PoCs, Embedded SW development and documentation

Education Volunteer

July 2016 - July 2017

Children's Village Tani - Perspectives for Children in Cambodia

Design of English, IT and German lessons as well as childcare of children from ages 12-21 and overall assistance of the organisation

Intern Industrial Automation Delivery & Services

July 2015 - August 2015

YOKOGAWA GesmbH Central East Europe, Vienna

SKILLS & PROFICIENCY

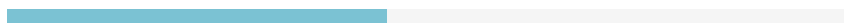
Backend (Go, Python, Node.js)



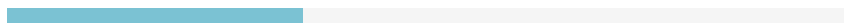
Continuous Development (Git, Docker, K8s)



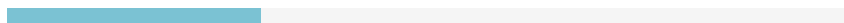
Data Science (Python, Julia, MATLAB)



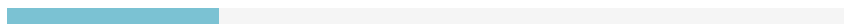
Shell Scripting (Bash, zsh, fish)



Frontend (HTML5, CSS, JS)



Machine Learning (Python, C++)



Matthias Thym

Open Sourcerer

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EDUCATION

Biomedical Engineering Undergraduate

Graz University of Technology
since 2015

Graduation Higher Technical School with Matura and Diploma Project

HTBLA Wien 3 Rennweg
2010-2015

Graduation Grammar School

AHS GWIKU Haizingergasse
2006-2010

LANGUAGES

German (Native)

English (Fluent)

Spanish (Basic)

French (Basic)

Khmer (Basic

Communicational Skills)

INTERESTS

Basketball

Electronics

Linux and Open Source

Bowling

Football (7 years in a sports club)