

CAREER PROFILE

In the course of my technical education 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. I am committed to focus on expanding my experience in software development and IoT monitoring both on an educational as well as on a professional level. To find a balance between professional and private life, volunteering and basketball remain important parts of my life.

EXPERIENCES

System Administrator

December 2019 - April 2020

Ticketeer (Flinkwork Software GmbH), Graz

System and Cluster Monitoring, IoT Device and System Administration, E2E Testing

Software Engineer Autonomous Driving

August 2018 - May 2019

ALP.Lab GmbH, Graz

Setup Cloud Infrastructure in MS Azure, Development of a Microservice Mesh processing data originating from autonomous vehicles and roadside structures 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 adaptations and documentation

Intern Industrial Automation Delivery & Services

July 2015 - August 2015

YOKOGAWA GesmbH Central East Europe, Vienna

VOLUNTARY ACTIVITIES

Voluntary Civilian Service due to COVID-19 Pandemic

April 2020 - June 2020

Not clear yet

Advisor Volunteer Experiences

May 2019 - present

WeltWegWeiser - International Volunteer Service Center

Advising of people interested in international volunteer work at career and student fairs, as well as participating in workshops at schools to inform about the possibilities and sharing personal experiences from own voluntary service

Student Mentor

February 2018 - July 2018

Refugee Student Mentoring - Graz University of Technology

Assistance of students coming to Graz to study at Graz University of Technology

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 taking care of children from ages 6-20 and overall assistance of the organisation

SKILLS & PROFICIENCY

Monitoring (IoT, InfluxDB, Grafana, ELK)	<div style="width: 80%;"></div>
Backend (Go, Python, Node.js)	<div style="width: 70%;"></div>
CI/CD and Testing (Git, Docker, K8s, Selenium)	<div style="width: 60%;"></div>
Data Science (Python, Julia)	<div style="width: 50%;"></div>
Frontend (HTML5, CSS, Vue.js)	<div style="width: 40%;"></div>
Mobile Development (Dart)	<div style="width: 30%;"></div>
Machine Learning (PyTorch, TensorFlow)	<div style="width: 20%;"></div>



Matthias Thym

Open Sourcerer

Download CV

jobs@thym.at

matthias.thym.at

github.com/matththym

linkedin.com/in/matththym

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 (Intermediate)

Khmer (Intermediate)

Chinese (Basic)

French (Basic)

INTERESTS

Basketball

Electronics

Linux and Open Source

Bowling

Football (7 years in a sports club)