



## Hardware Developer Embedded Systems

NXP Semiconductors Austria, Gratkorn November 2017 - June 2018

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

## INTERESTS

Basketball

Electronics

Linux and Open Source

Homelab

Bowling

Football (7 years in a sports club)

## Intern Industrial Automation Delivery & Services

YOKOGAWA GesmbH Central East Europe, Vienna July 2015 - August 2015

## VOLUNTARY ACTIVITIES

### Voluntary Civilian Service due to COVID-19 Pandemic

Blood Donation Service - Red Cross Styria April 2020 - June 2020

Taking of whole blood donations and support of donors as well as preparation of the emergency vehicles and equipment

### Student Supervisor

E-Lab Makerspace TU Graz since March 2020

Personal assistance of students with lab equipment like oscilloscopes or soldering irons

### Advisor Volunteer Experiences

WeltWegWeiser - International Volunteer Service Center since May 2019

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

Refugee Student Mentoring - Graz University of Technology February 2018 - July 2018

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

## Education Volunteer

July  
2016

Children's Village Tani - Perspectives for Children in Cambodia -

July  
2017

Design of English, IT and German lessons as well as taking care of children from ages 6-20, overall assistance of the organisation and technical maintenance of equipment and buildings

## SKILLS AND PROFICIENCY

**Monitoring (Grafana, Prometheus, ELK, InfluxDB, Telegraf)**

**Backend (Python, Go, Node.js, K8s)**

**CI/CD and Testing (Git, Docker, Selenium)**

**Data Science (Python, Julia)**

**Frontend (HTML5, CSS, Vue.js)**

**Mobile Development (Dart, Flutter)**

---

**Machine Learning (PyTorch, TensorFlow)**