



## Andreas Karner

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### GENERAL

Please get in touch  
to receive full CV

### CONTACT

### LANGUAGES

### MISCELLANEOUS

- Driving licence: A,B,C,E,F
- Github: whati001
- Home: whati001.rehka.dev

## EDUCATION

2017 - 2023

### **Master Degree - Computer Science**

University of Technology | Graz

- Major: Information Security
- Minor: Embedded and Mobile Systems
- Thesis: "Analysis of Low-level iOS Lightning Protocols" - Design and implementation of a Juice Jacking attack against modern Apple devices.

2009 – 2014

### **Matura Electrical Engineer**

HTBLA | Weiz

## AREAS OF EXPERTISE

- Information Security
- Embedded Systems
- Coding: C/C++, Rustlang, Python, SQL
- Boards: Nordic nRF, STM32, ESP32
- Technology: Apple Lightning, USB, BLE, Zephyr RTOS, Linux

## WORK HISTORY

03/2015 - 10/2023

### **B2B/EDI SYSTEM ADMINISTRATOR**

Automotive Europe GmbH | Graz

- Responsible for designing and developing internal department improvements
- Bootstrapping MongoDB, Azure Blob Storage, Cloudera Data Hub
- Supporting to migrate of existing infrastructure to Microsoft Azure

10/2023 - today

### **EMBEDDED SOFTWARE DEVELOPER**

Sloc GmbH | Graz

- Improving of inhouse C-based device firmware
- Porting C-based firmware to Zephyr RTOS
- Experience with communication protocols including UART, SPI, I2C, BLE, USB