



# Markus Müllner

SOFTWARE DEVELOPER

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*“My goal is to develop software that meets the highest quality and especially security requirements, using cutting-edge technologies and agile workflows.”*

## Education

### University of Central Lancashire

BSC (HONS) IN COMPUTING

- Object-oriented methods in computing
- Advanced software engineering techniques
- Database driven web sites
- Mobile computing

Preston, UK

2018–2019

### Technical University of Vienna

TECHNICAL MATHEMATICS

- Linear algebra
- Analysis
- Computer mathematics
- Software engineering

Vienna, AUT

2017–2018

### HTBLuVA Wien 5 Spengergasse

COMPUTER SCIENCE

- Software engineering
- Project management
- Business administration
- Computer networking
- System administration

Vienna, AUT

2012–2017

## Skills

**Languages** Python, Java, Swift, C, C++, C#, Javascript, SQL

**Technologies** Git, Docker, Linux

**Frameworks** Django, Django Rest Framework, Spring, .NET

**Computer Networking** CCNA routing and switching, CCNA security

**Technical Concepts** RESTful web services, web- and web applications, metaheuristics, concurrent computing, scientific computing

**Project Management** Scrum, Kanban, Waterfall model

## Open Source

### Django Generic Rest

EXTENSION FOR THE DJANGORESTFRAMEWORK

since 2018

Django Generic Rest is a frameworks that extends Python Django and the Djago Rest Framework. It adds a way of defining generic viewsets while providing the flexibility and modularity that allows to easily replace certain parts of functionality for each view implementation.

## Experience

### Sharedmind GmbH

DEVOPS

- Developed an iOS application that facilitates the cross platform synchronisation of contact data.
- Developed the RESTful web service consumed by the application.
- Setup CI/CD mechanisms to continuously test, integrate and deploy the application.

Vienna, AUT

2018

### University of Central Lancashire

APPLYING GENETIC ALGORITHMS TO THE GOLF SCRAMBLE PROBLEM

- Implemented a genetic algorithm that is capable of forming competitively balanced teams for Golf Scramble tournaments.
- Provided a user friendly interface that helps users to organise Golf Scramble tournaments.

Vienna, AUT

2018–2019

## **Nunago**

Vienna, AUT

MOBILE APPLICATION DEVELOPMENT

2018–2019

- Nunago encourages people to workout regularly.
- Developed a mobile applications for iOS that helps users to keep track of the training progress they have made.
- Desinged and implemented an algorithm that can automatically organise special tournaments that are designed to give every athlete they same winning chance.

## **Hausersammlung**

Vienna, AUT

RESTFUL WEB SERVICE DEVELOPMENT

2017–2019

- Hausversammlung makes collaborating in a house or tenement easy.
- Developed a feature-rich RESTful web service which provides a digital blackboard, forum capabilities, a maintenance log system and polls for decision making.

## **Kapsch BusinessCom**

Vienna, AUT

WIRELESS NETWORKS

July 2014

## **freelance software developer**

Vienna, AUT

WEB- AND MOBILE APPLICATIONS DEVELOPMENT

Aug 2013–2019

## **Kapsch BusinessCom**

Vienna, AUT

CYBER SECURITY

July 2012