Markus Muellner

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

2018–2019	**Bsc (Hons) in Computing**, *University of Central Lancashire*, Preston.
	database driven web sites, object-oriented methods in computing, advanced software engineering techniques, mobile computing
2017–2018	**Technical Mathematics**, *Technical University of Vienna*.
	linear algebra, analysis, computer mathematics, software engineering (C, C++)
2012–2017	**Computer Science**, *HTBLuVA Wien 5 Spengergasse*.
	software engineering (Java, C#), project management, business administration, computer networking, data modeling, system administration

Skills

Languages	Python, Java, Swift, C, C++, C#, Javascript, SQL
Technologies	Git, Docker, Linux
Frameworks	Django, Django Rest Framework, Spring, .NET
Comp. Networking	CCNA routing and switching, CCNA security
Technical Concepts	RESTful web services, web applications, mobile applications, software testing, CI/CD, MVC, concurrent computing, software optimisation, metaheuristics, fuzzy logic, scientific computing
Project Management	Scrum, Kanban, Waterfall model

Open Source

Django Generic Rest	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

2018	**Sharedmind GmbH**, *DevOps*.
2018–2019	**Applying genetic algorithms to the Golf Scramble Problem**.
	The goal of this project is to implement a genetic algorithm that is capable of forming competitively balanced teams for Golf Scramble tournaments, and to provide a user friendly interface that helps users to organise Golf Scramle tournaments.
2018–2019	**Nunago**, *mobile application*.
	Nunago encourages people to workout regularly. Mobile applications for Android and iOS help to motivate users to complete weekly stamina trainings, and to keep track of the progress they have made. Once users have qualified, they can participate in special tournaments that are designed to give every athlete they same winning chance.

2017–2019 **Hausersammlung**, *RESTful web service.*

Hausversammlung makes collaborating in a house or tenement easy. The main goal is to develop a feature-rich single page application which provides a digital blackboard, forum capabilities, a maintenance log system and polls for decision making.

July 2014 **Kapsch BusinessCom**, *wireless networks.*

Aug 2013–2019 **freelance software developer**, *Web- and mobile applications.*

July 2012 **Kapsch BusinessCom**, *cyber security.*