Emmanuel Diehl

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Work Experience

Job Title	**Tutor**		October 2021 — Present (Part-time)
Employer	**Faculty of Computer Science**		Dresden, Germany
	Assisting first year students: teaching basic **Git workflows**, helping with **linux installations** and questions about enrollment, formalities and shedules.		
Job Title	**Participant in the European Solidarity Corps**		October 2018 — July 2019
Employer	**Hodina H**		Pelhřimov, Czech Republic
	Giving English and German lessons at a Montessori kindergarten and primary school. Facilitating English conversations for seniors. Hosting intercultural events. Creation of an initiative to raise political participation among youth.		
Job Title	**European Voluntary Service**		Juni 2018 — August 2018
Employer	**Akdeniz Üçüncü Göz Eğitim ve Gençlik Derneği**		Mersin, Turkey
	Protecting endangered turtles through the education of locals and patrols.		

Education

Degree	**Bachlor of Computer Science** Current avg: 2.53		October 2019 — Present
University	**Technische Universität Dresden**		Dresden, Germany
	Created a **full stack web app** for a furniture store (web shop, inventory, orders) for the Software Engineering Lab in **Java** using **Maven, Github Actions, SonarQube, Salespoint** and the **Spring Boot framework**. **Scrum master** for the group. Wrote an **MQTT** communication client in Python for the Robolab module.		
Degree	**Abitur (comparable to A levels)**. Avg: 2.7		2009 - 2018
School	**Gymnasium Markt Indersdorf**		Markt Indersdorf, Germany
	Member of the robotics club. Created an **Arduino** powered bot written in **Python** for the Student Robotic competition in Newbury, United Kingdom. We also won the first price in the 2018 "Eine Welt für alle" challenge of the Federal Ministry for Economic Cooperation and Development with a **solar powered** tablet running educational games created with **Unity** in **C#**. Member of the schools first aid team. Final thesis on the ethics of anonymous communication, such as the **TOR network**.		

Personal Projects/ Hobbies

Project	**Homeserver**		
	Running a **Debian** server with **Nextcloud**, **Collabora**, and **Apache web server** as **Docker containers** with routing through **Traefik**		
Volunteer	**Student council (iFSR)**		
	Elected member of the student council. Elected spokesperson for a year. Increased our social media following by 300%, facilitated various events, e.g. a Linux install party, photography competition. Improved teaching at the faculty by introducing prizes for quality online teaching.		
Project	**Game Development**		
	Creating code, art and sounds for video games Godot, written in GDScript (Python)		

Skills

Languages	Java, Python, GDScript, Haskell, C
Web	HTML5, Spring boot, Maven, Salespoint (framework), CSS, Apache
Tools	Docker, Linux command line, Git, Vim, Kanban, LaTeX
Operating Systems	Linux(Debian, Arch and their derivatives), Windows