Max Wolschlager

✉ public@ungut.at | ◁ Vienna, Austria | ⊕ ungut.at | ⌥ GitHub

Hi, I'm Max, a programmer and artist based in Vienna. Born on the 27th of August 1999.

I started programming in 2014 and have not stopped since, building everything from simple circuit boards to portfolio websites. I am almost completely self-taught. Looks, experiences and direction are as important to me as technological elegance and robustness.

Skills

Programming Languages (Raphael Poss self-assessment)

Python	C2
Django, FastAPI/Flask, Celery, SQLAlchemy, Pydantic, Pandas/Polars, …	
JavaScript/TypeScript	C1
Node, Vue.js/Nuxt, d3.js, WebGL, …	
C++	C1
QT, OpenCV	
Java/Kotlin	B2
Android, Processing	
Other: GLSL, SQL, Rust, Go, Groovy, Mojo, Mirco SDL, …	

Software (arbitrary self-assessment)

Git	C2
UNIX Systems	B2
Adobe CC Suite	B2
Other: Kubernetes, Docker, Proxmox VE, GeoServer, PostgreSQL, NGINX, RabbitMQ, …	

Natural Languages (CEFR self-assessment)

German	native
English	C1-C2

Independent Work

LINKS – BVDB	2023
Crawler and Database for District Council Motions – Django, Scrapy	
Witcraft Filmproduktion GmbH – Interim CEO	2023
Fiscal Assessment, Liquidation	
RetInSight – Web Development Consultancy	2021
Full Stack Infrastructure for Computer Vision Applications – Python, JavaScript, Electron, AWS	
Club O – Leuchtkraft Wall	2021
Syncronized Sextuple-Head Video Installation – Embedded Programming, Construction	
cando.sh – Active Partner	2018 - 2021
Server Hosting & Management – RDBMS', Web Server Infrastructure, Custom Applications, CRM	
IIASA – hotspots-explorer.org	2020
SciCom Website, Maintainance and further Development – Vue.js, GeoServer	
weallwall.com – Development Lead	2020
Event–Based Social Network – Django, Vue.js	
epicenter.works – amsalgorithmus.at	2020
Campaign Website – Django	

Ars Electronica – Test Your Strength Butterchurn	2019 - 2020
Interactive Installation – MCU & Embedded Systems Programming, Electronics, Woodworking	
d*form – HOOGE	2019
SciCom Installation – MCU Programming, Electronics	
Online Media Analysis and Research – omare.net	2018 - 2019
Crawlers, Analysis and Database for 13 Austrian Online News Outlets – Django, PostgreSQL, Crawler Tech., Natural Language Processing	
FIAN Austria – fian.at	2018
NGO Website, Consultancy and further Development – Django	
epicenter.works – istkicklschonweg.at	2018
Petition Website – Django	

Employments

IIASA – Research Software Programmer (S2)	since 2024
IIASA – Research Software Programmer (S1)	2021 - 2024
Full Stack Software Development and Architecture Design, FOSS Maintenance	
mySugr	2016
Android Development & Mobile App Design Internship	

Education

Informatics – TU Vienna	2020 - 2021
Höhere Graphische BLVA	2013 - 2018
Department: Multimedia (5 Years), Graduation with Excellence	
Lise Meitner Realgymnasium	2009 - 2013
Lower Grade	

Conferences and Miscellaneous

38th Chaos Communication Congress: illegal instructions	2024
EuroPython	2022
Schmiede: War	2021
Schmiede: Horses	2020
Organ Surgery – Reverse Engineering an Electronic Organ from the 1960s	
Schmiede: Better	2019
Camera Controlled DIY LED-Matrix	
34th Chaos Communication Congress: tuwat	2017
33rd Chaos Communication Congress: works for me	2016

Awards and Honors

Best Diploma Project (Multimedia): The Weekly Output	2018
Ars Electronica netidee Special Prize: BPD.com	2017