VALENTIN PAUL HEUBACH

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in Valentin Heubach

ABOUT ME

DOB	08.05.1996
HOBBIES	Playing Piano
	Producing Electronic Music
	Repairing old electronic devices
	Running, Climbing and Skiing
INTERESTS	Building modular synthesizers
	Programming embeded DSP devices

EDUCATION

2024 – NOW   **Electrical Engineering (M.Sc.)**
TECHNICAL UNIVERSITY OF MUNICH

2020 – 2024   **Electrical Engineering (B.Sc.)**
TECHNICAL UNIVERSITY OF MUNICH

THESIS   Automatic Extraction of intermediate performance values via SPICE. (1.0)

GRADE   *2.5*

2016 – 2020   **Management and Technology (B.Sc.)**
TECHNICAL UNIVERSITY OF MUNICH

THESIS   How political measures impact electric vehicle diffusion uptake in Germany: A literature-based market forecast. (2.0)

GRADE   *2.5*

SKILLS

CODING	C/C++	●●●●○
	Python	●●●○○
UTILS	CMake	●●●●○
	Git	●●●●○
	Conda	●●●○○
	Bash	●●●○○
FRAMEWORKS	CMSIS	●●●○○
	FreeRTOS	●●○○○
	Qt	●●●○○
LANGUAGES	German	NATIVE
	English	C1
OTHER	STMCubeIde, VS Code, Matlab, LaTeX, FUSION360, MS Office, Codebeamer, NG SPICE, GitLab, Linux	

WORK EXPERIENCE

OCT 2023 - SEP 2024

ARRK Engineering - Munich
Working student: Software developement C/C++
As a working student at ARRK, I mainly write code for QT applications and embedded devices built around stm32 microcontrollers. My daily work includes addressing tickets for various assignments, like developing new features and fixing bugs across both software platforms.

JUN 2023 - AUG 2023

ARRK Engineering - Munich
Intern: Software developement C/C++
In my internship at ARRK, I created a test environment within a QT application to perform unit and system tests. This setup enabled testing of the application itself and embedded devices connected with the host running the application.

MAR 2020 – JUN 2020

Sour Grapes Records - Manchester
Intern: Business development
During this internship at the onset of covid-19, I contributed to developing new business strategies to adapt to the halt in live concerts. I helped explore alternative revenue streams, such as digital content and virtual events, to sustain the company during the pandemic.

MAR 2019 – JUN 2019

Kinexon Sports & Media - Munich
Intern: Business developement
In my internship at Kinexon, I investigated potential business avenues for introducing their RFID positioning systems to the event- and entertainment-sector. My work centered on leveraging these systems to automate light and camera movement to improve event production efficiency.

MAY 2018 – MAR 2023

Bartu - Munich
Waiter
In this student job I was serving ice cream, preparing coffee and handling customer orders in a fast-paced environment.

DEC 2015 – DEC 2016

Eye Catcher Sunglasses - Munich
Sales assistent
In this part-time job, I assisted customers in selecting sunglasses, provided product knowledge, and processed sales transactions in a busy retail setting.

JAN 2014 – NOW

Freelancer - Munich
Audio engineer and producer
As a freelance audio engineer, I worked on a variety of projects, including recording, mixing, and mastering music for different artists and clients. I handled the full audio production process and managed live sound duties.