Piotr **Biedermann**

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Aspiring Web Developer

Education

Title
42, Wolfsburg   *2022 - 2024*
                                                                                                                          DE

- Thesis: 4242
- Course: Project based peer learning

Masters in Embedded System(unfinished)
Poznan University of Technology, Poznan   *2009 - 2011*
                                                                                                                          PL

Description

Bachelor in Automation and Managment
Poznan University of Technology, Poznan   *2006 - 2009*
                                                                                                                          PL

- Thesis: Model of Automated Storage Facility
- Course: 42 | 42 | 42 | 42

Professional Experience

Product Owner
TC Serwis   *2018-11-20 - 2022-02-01*
                                                                                                                    Warsaw

- "Product owner for in-house software enhancing service and maintenance, managed service for 1200 convenience store sites across Poland"
- "Implemented Agile methodologies", "Used Trello for project management"

Agile   Project Management   Software Development

Founder
TC Serwis   *2011-11-20 - 2022-02-01*
                                                                                                                    Warsaw

- "Running refrigeration and air conditioning providing company"
- "Product owner for service management software in collaboration with a team of programmers (writing and accounting for tickets, goal setting)."
- "E-Commerce - managing product placement, SEO, content creation."
- "Analysis of product and service records - feedback-loop with the manufacturer, briefing of customers on usage of product."
- "Managing e-marketing on facebook."
- "Working with service data in order to provide feedback to supplier"
- "Managing the client "Żabka Polska" (convenience store chain)."
- "Handling and collaborating with sub-contractors."

Entrepreneurship   Product Management   E-Commerce   Marketing

Rerfigeration and air conditioning repair
C&K System   *2011*
                                                                                                                    Poznan

- "Onsite repair and maintenance"

Refrigeration   Air conditioning   Repair

Service and maintenance dispatch
C&K System   *2010*
                                                                                                                    Poznan

- "Dispatching service and maintenance"
- "Writing service offers to clients"
- "Data entry"

Excel   Office processes

Crafting electrical switchboard boxes
C&K System   *summer 2008*
                                                                                                                    Poznan

- "Reading electrical schematics"
- "Assembing switchboxes based on electrical schematics"

Workshop   Electrical Schematics

Projects & Associations

Inception
Personal Project

2024-02-01

Wolfsburg, DE

- "A docker project where we upload LEMP stack website in separate containers built from custom Dockerfiles."
- "Focused on Docker, LEMP stack, Bash"

Transcendence
Personal Project

2023-12-01

Wolfsburg, DE

- "Single page application featuring a chat, two factor and third party authentication, a game complete with a user leaderboard, achievements."
- "Technologies used: React, Typescript, Docker, SocketIO, PostgreSQL, Postman, Agile methodology"

Webserv
Personal Project

2023-08-01

Wolfsburg, DE

- "HTTP web server in C++, handles GET, POST, and DELETE requests, features CGI, file upload/download."
- "Skills demonstrated: C++, Network programming"

Philosophers
Personal Project

2023-04-01

Wolfsburg, DE

- "Program solves Dijkstra's philosophers problem using threads in C."
- "Highlighted technologies: C, Threads"

CPP
Personal Project

2023-06-01

Wolfsburg, DE

- "Series of exercises, covering a variety of topics like Exceptions, Inheritance, implementing Merge-Insert sorting Algorithm."
- "Technologies and concepts: C++, OOP, STL containers"

miniRT
Personal Project

2023-02-01

Wolfsburg, DE

- "Ray tracer project that involves comprehensive use of C and linear algebra to simulate light rendering."
- "Highlighted technologies: C, Linear Algebra"

Minishell
Personal Project

2023-01-01

Wolfsburg, DE

- "Clone of a shell, implementing basic shell operations and commands, using C."
- "Skills demonstrated: C, Bash"

Push swap
Personal Project

2022-08-01

Wolfsburg, DE

- "Sorting two stacks with the help of radix sort, showcasing efficient algorithm design and implementation."
- "Technologies used: C, Algorithms"

So Long
Personal Project

2022-06-01

Wolfsburg, DE

- "Game using minilibx library, implemented depth search and error checking for game logic."
- "Skills demonstrated: C"

Pipex
Personal Project

2022-07-01

Wolfsburg, DE

- "Simulates the pipe mechanism in UNIX systems, executing two commands and connecting them with a pipe."
- "Highlighted technologies: C"

Printf
Personal Project

2022-05-01

Wolfsburg, DE

- "Recreated the printf function using variadic functions, demonstrating understanding of low-level programming in C."
- "Skills demonstrated: C"

Libft
Personal Project

2022-04-01

Wolfsburg, DE

- "Recreated library of basic functions, which is a foundational project for future C projects, showcasing proficiency in C programming."
- "Highlighted technologies: C, Makefile"

Awards

2023	**Third place in Capture The Flag Osint/Cybersecurity event**, 42 Wolfsburg
2023	**App awarded at T-System Hackathon**, T-Systems
2023	**Completed Arduino course**, FabLab Wolfsburg

Skills

Languages	English | German | Polish
Tech Stack	C/C++ | Arduino | Git | Docker | Bash | React | PostgreSQL
Personal Interests	Swimming | Cooking | Reading