

DENİZ ÖZDEMİR

heydeniz@proton.me | linkedin.com/in/denizoezdemir | github.com/deniz-oezdemir | deniz.fyi

I am a motivated software developer, changing careers from product management in consumer investing. With a strong foundation in C/C++, I enjoy learning new technologies and am eager to dive into all aspects of development.

TECHNICAL SKILLS

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| Programming Languages | C, C++, Go, Python, JavaScript, HTML, CSS, SQL |
| Development Tools | Git, Docker, Bash, Vim, VS Code, Jira, Confluence, Figma |

PROJECTS

- **Pong App:** Currently building a full-stack Pong game that will feature a microservices architecture, real-time multiplayer functionality, game statistics, and an AI opponent.
- **Web Server:** Developed a lightweight HTTP server in C++98, inspired by Nginx, compliant with the HTTP/1.1 standard. Features configuration files, CGI support, request parsing, and response generation, with support for GET, POST, and DELETE requests. Implemented unit tests for all critical components.
- **Ray Tracer:** Implemented a ray tracer to render 3D images from numerical scenes using test-driven development.
- **Minishell:** Built a custom Unix-like shell in C, emulating Bash functionality with support for command execution, built-ins, piping, redirection, and signal handling.
- **Philosophers:** Simulated the dining philosophers problem with multithreading in C. Also reimplemented in Go.

EXPERIENCE

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| Deutsche Kreditbank AG | Berlin, Germany |
| <i>Product Manager, Retail Clients – Securities and Savings</i> | 10/2022 - Present |
| <i>Trainee, Banking Transformation</i> | 10/2021 - 09/2022 |

- Led cross-functional collaboration by creating detailed user stories, prioritizing development tasks, and facilitating communication between legal, design, engineering, QA, and marketing teams. Drove the development of key features for a new brokerage software, ensuring alignment and timely delivery.
- Simplified complex regulatory frameworks by translating them into clear technical specifications. Partnered with an adjacent team to deliver a self-disclosure product, ensuring full compliance with financial regulations.
- Improved search functionality for a consumer investment portal by coordinating efforts between external providers and in-house development. Enhanced the user experience, leading to increased satisfaction and engagement.

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| Capgemini SE | Munich, Germany |
| <i>Intern, Management Consulting – Business Data Strategy</i> | 08/2020 - 10/2020 |

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| SAP SE | Walldorf, Germany |
| <i>Working Student, Customer Success – Project Management</i> | 08/2019 - 04/2020 |

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| Mitsubishi Fuso Truck and Bus Corporation | Tokyo, Japan |
| <i>Intern, Cost Controlling – Business Technology Analyst</i> | 10/2017 - 02/2018 |

EDUCATION

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| 42 Berlin | Berlin, Germany |
| <i>Software Engineering</i> | 11/2023 - Present |

- Built functional applications in a project-based learning environment that emphasizes self-directed problem-solving, peer-to-peer learning, and team collaboration in software development.
- Completed 87% of the core curriculum, gaining expertise in imperative and object-oriented programming while acquiring practical experience in algorithms, graphics, networking, system administration, and web development.

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| University of Mannheim | Mannheim, Germany |
| <i>MS, Finance and Information Systems</i> | 09/2018 - 06/2021 |

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| Humboldt University of Berlin | Berlin, Germany |
| <i>BS, Economics</i> | 10/2013 - 10/2017 |

FURTHER COMPETENCIES

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| Languages | English (Full Professional), German (Native), Turkish (Intermediate), Italian (Elementary) |
| Credentials | AWS Compute, Storage, Databases, and Serverless (AWS Educate), CSPO (Scrum Alliance) |