GUNTHER BIDLINGMAIER

Munich, Germany | mail@bidlingmaier.net ⧉ | github.com/gbid ⧉

WORK EXPERIENCE

Technical Founder
01/2024 - 07/2025

▷ **Bewerbungshelfer.net** ⧉: Job application optimization platform using LLMs (code on GitHub) ⧉
  ▷ Developed full-stack production application, serving 100+ paying customers.
  ▷ Implemented payments (Stripe), user auth, stream processing in async Rust, resume template in React.js.
  ▷ Deployed on Hetzner Cloud including integration environment, monitoring, bot protection.
▷ **Filliant.com** ⧉: B2B user data import platform for LLM-powered form filling
  ▷ Built email processing pipeline that extracts relevant user data with LLMs via Map-Reduce processing.
  ▷ Implemented Email / Gmail integration via IMAP / OAuth 2.0.
  ▷ Developed embeddable iframe frontend for secure integration into customer websites.
  ▷ Conducted customer discovery and sales meetings with executives at target companies.
▷ Rust (8k LoC) | TypeScript (9k LoC) | Axum | PostgreSQL | React.js

Software Engineer in CTO Taskforce, Check24 GmbH
09/2023 - 01/2024

▷ Built a new server infrastructure for the core product of Check24 (car insurances).
▷ Selected for CTO's taskforce at company with 3000+ developers.
▷ Deployment of a new application on this infrastructure including CI/CD.
▷ Automatic creation of logical preview environments for feature branches as part of CI/CD pipeline.
▷ Implementation of high availability for the whole infrastructure, including the central MySQL database.
▷ Linux | Ansible | CI/CD | Kubernetes | Docker | MySQL

Researcher at the Chair of Algorithms and Complexity, TU Munich
03/2021 - 03/2023

▷ Published algorithm research ⧉ in Springer Nature - awarded best paper (top 4 of 43 submissions).
▷ Designed, analyzed, and implemented ⧉ a greedy algorithm for a fundamental scheduling problem, simplifying understanding and implementation. Reduced running time from $\mathcal{O}(n^3d^3)$ to $\mathcal{O}(nd)$.
▷ Taught 200 students across probability theory ⧉ and advanced algorithms ⧉ (graduate) courses.
▷ Rust | Discrete Optimization | LaTeX | Teaching

Software Developer (Part-time Student Position) at BMW AG
04/2018 - 03/2019

▷ Implemented web applications (600 internal users) within internal data platform.

EDUCATION

M.Sc. Computer Science at Technical University of Munich
10/2017 - 12/2020

▷ Final grade: 1.1 (top 5% of class)
▷ Relevant coursework: Advanced Algorithms and Data Structures,
  Formal Methods, Algorithmic Game Theory

Erasmus stay at Chalmers University of Technology, Gothenburg, Sweden
09/2017 - 02/2018

▷ Relevant coursework: Programming Languages, Dependent Types (Agda)

B.Sc. Information Systems at Technical University of Munich
10/2014 - 09/2017

▷ Final grade: 1.4 (top 5% of class)

High School Diploma (German Abitur) at Ellentalgymnasien
09/2006 - 08/2014

▷ Final grade: 1.8

LANGUAGES

▷ German: native | English: fluent

SELECTED ACTIVITIES AND AWARDS

▷ Scholarship program TUM: Junge Akademie ⧉   *2016 - 2017*
▷ Symphony orchestra Junge Münchner Symphoniker ⧉   *2014 - present*