Lukas Voß

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WORK EXPERIENCE

subshell GmbH **Apr. 2022 – Feb 2025**
Java Software Developer *Hamburg, Germany*

- Developing the content management system used by all public broadcasting companies in Germany & Austria.
- Development of a Java (Spring) service that makes all ZDF content available in the ARD media library.
  - Widely covered achievement to streamline German public broadcasting in the German public & politics.
- Migration of a legacy AngularJS 1.6.6. application with ~20k LoC to Angular 14 and deployment via GCP.
  - Facilitated knowledge transfer by initiating a new full-stack project with a team of backend developers.
- Development of the new ORF press portal with Vue + Java (Spring), displaying and integrating data from diverse proprietary sources.
- Requirements Analysis together with our clients (ZDF, ORF), delivering all projects to date in time and budget.
- Mentoring high school interns and teaching them programming basics.

subshell GmbH **Mar. 2025 – present**
Cultural Lead *Hamburg, Germany*

- Lead of a new team found to deliver projects with a volume equivalent to 30% of the company's annual revenue.

University of Hamburg **Apr. 2020 – Mar. 2021**
Teaching Assistant *Hamburg, Germany*

- Teaching of both foundational theoretical computer science modules at the university.
  - During this time, our research group won the "Hamburg Teaching Award", annually conferred for outstanding and innovative teaching at Hamburg's universities.
- Collaborative Open-Source development for Renew, a Petri Net IDE and Simulator.

EDUCATION

University of Hamburg **Oct. 2021 – Sep. 2024**
M.Sc. Computer Science (GPA: 1.1 (Germany), with special honors) *Hamburg, Germany*

- Erasmus semesters abroad: University of Vienna, Oct. 2022 - Sep. 2023.
- Thesis: About the migration of a legacy system to a microservice architecture.

University of Hamburg **Oct. 2018 – Feb. 2022**
B.Sc. Computer Science *Hamburg, Germany*

- Erasmus semesters abroad: University of La Laguna, Sep. 2019 - Mar. 2020.
- Thesis: "Development of a Formalism for P/T Nets with Synchronous Channels and Their Analysis using Siphons and Traps in Renew". Published 2 cited papers at the Petri Nets conference based on this thesis.
- Speaker at international conferences.

University of Hamburg **Apr. 2016 – Sep. 2018**
B.A. Socioeconomics *Hamburg, Germany*

- Finished the degree 1 semester ahead of schedule to start my Computer Science degree.

Hansa-Gymnasium Bergedorf **2007 – 2015**
Abitur *Hamburg, Germany*

- Participation in multiple city-wide mathematics competitions and the school's chess working group.
- Advanced Latin Certificate (8 years of practice).