Luk Burchard

https://lbb.sh/

Email : luk.burchard@gmail.com
Mobile : +49-171-328-7428

EDUCATION

Technical University of Berlin (3rd Semester) — Berlin, Germany
Bachelor of Computer Science — *Oct. 2016 – Sep. 2019*

Gymnasium Oberalster — Hamburg, Germany
Abitur with focus on Physics and Computer Science — *Aug. 2013 – May. 2016*

EXPERIENCE

Google — Seattle, United States
Developer Relations Intern — *Apr 2018 - Aug 2018*

- **Krew - The Kubectl Plugin Manager**: Kubectl is the command line tool to interact with Kubernetes. krew helps with discovering, installing and managing plugins to extend the user experience and to help growing the ecosystem. https://github.com/GoogleContainerTools/krew.
- **Design Docs - Working in a strongly structured manner**: Writing Design docs, Product requirements document (PRD) and friction logs to determine a projects needs and problems to assess the time and resources required.
- **Code review**: Code review is systematic examination (sometimes referred to as peer review) of computer source code. It is intended to find mistakes overlooked in software development, improving the overall quality of software.

Loodse GmbH — Hamburg, Germany
Software Engineer — *Oct 2016 - Apr 2018*

- **Kubernetes**: d
- **CKA - Certified Kubernetes Administrator**: The Certified Kubernetes Administrator (CKA) program was created by the Cloud Native Computing Foundation (CNCF), in collaboration with The Linux Foundation, to help develop the Kubernetes ecosystem.
- **Presenting/Teaching**: I've given some workshops/talks on Conferences to teach GKE/Kubernetes, i.e Google Launchpad, Google Events for startups, Containerdays, TechTalks
- **Consulting**: I've worked with Enterprises to bring their infrastructure to Kubernetes/GCP. During this time I've learned to work in a huge team with many companies being involved
- **Git**: Git is a free and open source distributed version control system designed to handle everything from small to very large projects with speed and efficiency.
- **Scrum**: Scrum is a framework for managing work with an emphasis on software development.
- **Open Source Contributor**: I'm familiar with the process of creating a Pull Request and submitting code review.

PROJECTS

- **Cotbat/Cotloader**: Demo application to teach 12-factor refactoring to work in a containerized environment.
- **Kubernetes Commander**: A TUI tool for working with Kubernetes (kubectl with terminal charts).
- **Mangraph**: Draws a directed graph from your manpage files.

PROGRAMMING SKILLS

- **Languages**: Go, C, Python, SQL, Java, Bash

- **Technologies**: GCP/(GCE,GKE), AWS, Git, Docker, Kubernetes

- **Technologies I'm interrested in /I've played with**: gRPC, Istio (Service mesh), Unikernel