Sebastian **Spaink**

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Experience

Capital One *Remote*
SENIOR SOFTWARE ENGINEER *Jan. 2023 - Present*

- Led the development of a Visual Studio Code extension that reports compliance violations in AWS cloudformation files. Leading to a significant improvement in developer experience and reduction of late pipeline failures.
- Identified common pipeline errors during AWS deployments and implemented policies as code using Rego to detect configuration mistakes.
- Created learning resources and contributed to inner-sourced projects to help Rust become an approved language.

InfluxData *Remote*
SOFTWARE ENGINEER 3 *Dec. 2020 - Nov. 2022*

- Core maintainer of the project Telegraf, an open source CLI project written in Go that collects and reports metrics.
- Automated and documented the release process to cherry-pick fixes, test and build artifacts, create docker images, and release to users.
- Built fully automated CI/CD pipelines on CircleCI and GitHub actions by adding additional test automation and automatic pull request responses. Reduced pull request churn and ensured quality community contributions.
- Prioritized community interactions with more timely responses, reducing the open issues from 1200 to under 600 within a year
- Added the revive plugin to the popular Go linter golangci-lint which led to the introduction of linting to the Telegraf project.

RSA Security *Remote*
PRODUCT OPERATIONS SENIOR ENGINEER *Jan. 2020 - Dec. 2020*

- Reduced operation toil for an enterprise product hosted on AWS EC2 instances by developing automation tools that removed undocumented processes and protected the system from human error. Using Go, PowerShell and C#.
- Designed a Slack bot to empower customer support to use the automation tooling with a simple user interface. Improving the customer response time from hours to seconds.

Garmin *Olathe, KS*
SOFTWARE ENGINEER 2 *Mar. 2017 - Jan. 2020*

- Developed a tool to report third party software used in the infotainment system product for customer use.
- Containerized a monolithic PHP web app with Docker migrating it to Kubernetes.
- Maintained build automation scripts written in python for the automotive department.

Avast Software *Fort Walton Beach, FL*
SOFTWARE ENGINEER *Oct. 2015 - Mar. 2017*

- Worked closely with the QA team to automate manual testing steps using Python.
- Introduced unit testing in a C++ codebase using the framework Google Test.
- Translated UX prototype designs into HTML/CS.

Education

Master of Science in Computer Science *Denton, TX*
UNIVERSITY OF NORTH TEXAS *May 2015*

Bachelor of Science in Computer Science *Denton, TX*
UNIVERSITY OF NORTH TEXAS *Aug. 2013*

Presentations

Go West 2022 *Lehi, Utah*
PRESENTER FOR <SHIPPING GO WITHOUT SINKING> *Oct. 2022*

- Highlighted tools and tips to help you begin or improve your release process for software written in Go

Gophercon 2021 *Redmond, WA*
PRESENTER FOR <3D PRINTING GOPHERS WITH GO> *Dec. 2021*

- Introduced how Go can be used to manage and monitor your 3D printer
- Demonstrated how to create a 3D model of a Gopher using Go

InfluxDays EMEA 2021 *Remote*
PRESENTER FOR <PRINTING YOUR OWN EXTERNAL INPUT PLUGIN FOR TELEGRAF> *May 2021*

- Explained how to your own external plugin for Telegraf using a practical example

Projects

- rustaceanize.me - A web app to create a personalized Rust mascot, written entirely in Rust using egui.
- kivy-vscode - A Visual Studio Code extension adding syntax highlighting for the design language Kivy.
- telegraf-companion - A Terminal User Interface to help generate a configuration file for Telegraf.

Program Committees

2022-Present | **Submission reviewer**, Gophercon