

# Sebastian Spaink

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## Experience

### Capital One

SENIOR SOFTWARE ENGINEER

Remote

Jan. 2023 - Present

- Led the development of a Visual Studio Code extension that reports compliance violations in a AWS cloudformation file.
- Implemented Rego policies to detect mistakes early in configuration files to improve developer experience and reduce CI failures.
- Contributed to an internally open sourced in-memory data store written in Rust, increased code coverage and refactored code.

### InfluxData

SOFTWARE ENGINEER 3

Remote

Dec. 2020 - Nov. 2022

- Core maintainer of the project Telegraf, an open source 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.
- Reduced open issues from 1200 to under 600 within a year, and prioritized community interactions with more timely responses.
- Added the revive plugin to the popular Go linter golanci-lint which led to the introduction of linting to the Telegraf project.

### RSA Security

PRODUCT OPERATIONS SENIOR ENGINEER

Remote

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

SOFTWARE ENGINEER 2

Olathe, KS

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

SOFTWARE ENGINEER

Fort Walton Beach, FL

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

UNIVERSITY OF NORTH TEXAS

Denton, TX

May 2015

### Bachelor of Science in Computer Science

UNIVERSITY OF NORTH TEXAS

Denton, TX

Aug. 2013

## Presentations

### Go West 2022

PRESENTER FOR <SHIPPING GO WITHOUT SINKING>

Lehi, Utah

Oct. 2022

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

### Gophercon 2021

PRESENTER FOR <3D PRINTING GOPHERS WITH GO>

Redmond, WA

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

PRESENTER FOR <PRINTING YOUR OWN EXTERNAL INPUT PLUGIN FOR TELEGRAF>

Remote

May 2021

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

## Projects

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- [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

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2022-  
Present **Submission reviewer**, Gophercon