Samuel Blais-Dowdy

DevOps Engineer at Epic

🌙 I will code you the moon 🌙

✉ samuel.blaisdowdy@protonmail.com
 github.com/sugarraysam
 linkedin.com/in/sugarraysam

🔤 Languages

- 🍁 French - Native
- 🏴 English - Fluent
- 🌶 Spanish - Intermediate

🎮 Hobbies

- 💻 Programming
- 🏒 Ice Hockey
- 🤖 Robotics
- 🎾 Tennis
- 🍺 Microbreweries
- 🏋 Working Out

👤 About Me

DevOps Engineer with Linux, Kubernetes, Docker and Go experience. My long term goal is to work as a Robotics Engineer, because I love team work, I am hypercurious and I need to be challenged on a daily basis. To help me reach my objective, I am actively pursuing Coursera classes in Robotics and Machine Learning as well as writing small Rust program for my Arduino.

🗂 Projects

Archsugar

Bootstrap, provision and fully maintain an high-end modular archlinux system with Go & Ansible
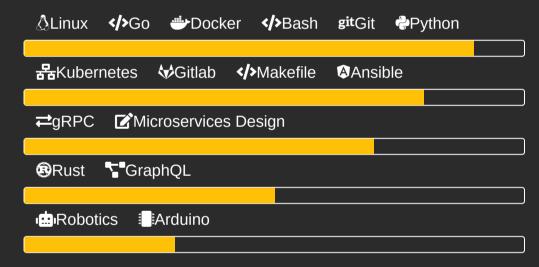
Rust arduino elegoo

Rewriting the Elegoo Super Starter Kit tutorials in Rust

Resume

Generate and publish my resume with Hugo, Bootstrap, jQuery, Font Awesome and Github Pages.

🧰 Skills

🐧 Linux Go 🐳 Docker Bash git Git Python

🖧 Kubernetes Gitlab Makefile Ansible

⇄ gRPC 📝 Microservices Design

🦀 Rust GraphQL

🤖 Robotics Arduino

💼 Experience

DevOps Engineer - Epic

08/2020 - Present · 3 months

- Maintain, deploy and monitor kubernetes clusters
- Help developers with their Go microservices projects, by providing advice, best practice tips and doing pair programming
- Lead project to integrate k8s monitoring and logging with Splunk ITSI
- HTTP microservices development in Go

DevOps Engineer - Bell Canada

05/2019 - 03/2020 · 10 months

- Delivered a pipeline for a monolithic Django web application using Gitlab CI, Ansible roles and systemd services
- Delivered a pipeline and helped to migrate the Django monolith to a microservices architecture, using Go, Gitlab CI, docker swarm and Ansible roles
- Performed production shutdown maintenance
- Configured alpine containers for production

Security Analyst - Bell Canada

05/2018 - 05/2019 · 12 months

- Performed analysis and escalation of security threats in collaboration with Senior Security Analysts
- Participated in high-impact cybersecurity incident response and wrote report for management
- Helped improve our Use Cases by providing feedback to Threat Hunters

- Used Arcsight SIEM along with other security tools (Nmap, traceroute, OpenSSL, Wireshark, F5 WAF, vendor dashboards, Radware, Arbor, etc)

Teaching Assistant - University of Montreal
01/2018 - 05/2018 · 3 months

- Prepared weekly cybersecurity labs for graduate and undergraduate students
- Gave two lectures on symmetric/assymetric cryptography
- Helped student perform a full exploitation of a Vulnhub VM, from fingerprinting, to exploiting a PHP server, and finishing with Linux privilege escalation
- Demonstrated and explained popular security tools

🎓 Education

B.A. in Computer Science and Mathematics
2015-2018 - University of Montreal

B.A. in Accounting
2012-2015 - University of Quebec in Abitibi-Temiscamingue

🏅 Certifications

[Modern Robotics, Course 1: Foundations of Robot Motion](#)
Coursera
Issued 10/2020 · Expires Never

[Applied Plotting, Charting & Data Representation in Python](#)
Coursera
Issued 04/2020 · Expires Never

[Introduction to Data Science in Python](#)
Coursera
Issued 04/2020 · Expires Never

[LFCS: Linux Foundation Certified Systems Administrator](#)
The Linux Foundation
Issued 11/2019 · Expires 11/2022

[Docker Certified Associate](#)
Docker Inc.
Issued 12/2019 · Expires 12/2021