[**Henri-Vandersleyen@protonmail.com**](mailto:Henri-Vandersleyen@protonmail.com)

**Phone: 250-886-5099**

**Victoria, BC, Canada**

**Fr， En， 中文**

[**Github**](https://github.com/Vanderscycle)

**Experience**

**Intermediate DevOps Engineer**

**2023 – Present Atreides**

* **SysAdmin of AWS, Azure, Gitlab, ArgoCD**
* **Proficient in Linux, Terraform, Kubernetes, Ansible, Helm, DevOps and GitOps pattern**
* **Integrates ChatOps services into slack**
* **Familiar with Vault and Terraform Cloud**
* **Proactive in automating areas that are susceptible to human error**
* **Keep security and potential vulnerabilities in mind when building new services**
* **Foster the team spirit and resilience**

**Jr. DevOps Engineer**

**2022 - 2023 Atreides**

* **Learned how to use ArgoCD to control services using GitOps declarative pattern**
* **Created the Atreides CICD Gitlab pipelines, which control testing, server, releases, and more**
* **Packaged Atreides microservices into a helm chart for SaaS**
* **integrated new architecture on AWS using Terraform**
* **created custom Kubernetes deployment for our microservices**
* **configured remote servers using ansible scripts**
* **Incorporated Test Driven Development (TDD) with cypress and jest into the CICD pipeline**

**Fullstack Software Developer**

**2021 – 2022 Aviary Tech**

* **Created a blockchain miner using the Command and Query Responsibility Segregation** [**(CQRS)**](https://docs.microsoft.com/en-us/azure/architecture/patterns/cqrs) **pattern, paired with a svelte frontend**
* **Created DevOps pipeline, workflow automation, applied Test-Driven Development (TDD) using Jest and cypress**
* **Mentored and taught non-developers how to use javascript and the Svelte framework, and;**
* **Created smart UI/UX that engages the user**

**Lt(N) Marine Engineering Officer**

**2007 – 2020 Royal Canadian Navy**

* **Retired as a Marine System Engineering Officer where I informed, advised, and recommended technical courses of action to non-technical superiors during normal operations, wartime, emergency operations**
* **Acted as the deputy program manager at the Naval maintenance facility, advising ship captains on repair needs and priorities**
* **Counselled and mentored junior peers for success at board examinations and at-sea operations**

**Side Projects**

**Home lab**

**Created a home lab using a cluster of raspberry pis, Ansible and k3s to host my private cloud**

**Stack: Raspberry pi, K3s, Ansible, Helm, Kubernetes, DDNS**

**Dotfiles**

**Created a program to configure my multipe Linux environments properly and effortlessly**

**Stack: Bash, Linux, Lua, Elisp**

**Education**

**Data Science Diploma**

**2020 Lighthouse lab**

**Completed an intensive program in data science, gaining expertise in statistical analysis, machine learning, and data visualization. Developed skills in Python and SQL, and applied them to real-world projects in areas such as predictive modeling, natural language processing, and recommendation systems.**

**B.Sc. Electrical Engineering**

**2008 - 2012 Royal Military College Canada**

**Earned a degree in electrical engineering, with a focus on signal processing, control systems, and power generation. Gained hands-on experience through lab work and projects, and developed strong analytical and problem-solving skills. Received training in leadership, teamwork, and communication, as well as military training and physical fitness.**

**Professional Qualifications**

**P.eng, Engineers and Geoscientists BC (non-practicing)**

**Secret Clearance NATO**