







Nelson Liang

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Professional Experience

Junior Site Reliability Engineer

Verto Health | Sep 2022 - Present

- Review, design, and implement the prototype of our SIEM data ingestion pipeline.
- Assist the security team in the setup of various security infrastructures.
- Create and deploy custom tooling and infrastructure to ingest and monitor security data.
- Work with various Azure resources like AKS, ACR, AAD, Resource Graph, Microsoft Defender, Eventhub, Storage Account, and Key Vault, etc.
- Administrate Kubernetes and deploy its various third-party resources.
- Configure various network settings to enable access to applications.
- Create cronjobs and services on virtual machines.
- Deploy third-party data visualization software and seamlessly integrate them into existing products as embedded dashboards.
- Develop applications from third-party APIs to improve internal infrastructure.

Full Stack Software Engineer Intern

Penfield AI | May 2022 - Sep 2022

- Develop new frontend components and features in our product dashboard for our clients.
- Implement backend Web API to query data for product frontend and other services.
- Work in an Agile software development cycle. Participate in scrums, sprints, and releases.
- Documenting repositories for team members on how to deploy and use a code repository.
- Containerize applications and configure Helm chart to run cronjobs on Kubernetes cluster.

Developer

Sticky Rice Games | Jan 2017 - Jun 2020

- Integrate platform specific features to the end product.
- Perform quality assurance testing before product releases.

Education

Bachelor of Science, Computer Science

Toronto Metropolitan University | 2020 - Present

Bachelor of Game Design

Sheridan College | 2014 - 2018

Technology

HTML, CSS, JS React, Svelte, Vue Elasticsearch, MongoDB, SQL, Redis Git systemd
Express, Flask, Fast API Rails Ruby Python PHP OPA Gatekeeper Superset
Azure AWS Docker Kubernetes Kured Helm, Kustomize Kafka K6
Github Actions Argo CD Elastalert Trivy Jira, Zendesk, Slack APIs WebRTC