lucas.helme@protonmail.com
github.com/blobcode

LUCAS HELME

EXPERIENCE

Freelance Backend Development   **2020-Present**

- Worked with assorted languages to develop and maintain critical infrastructure
- Developed internal tools and dashboards for numerous clients
- Developed custom proxy solutions for clients and personal use
- Deployed services with Terraform / NixOS with AWS
- Migrated legacy services to virtualized environments with KVM
- Migrated static content to CDNs for reduced latency
- Maintained Wordpress instances
- Developed and deployed CI / CD pipelines

Coding Instructor, CodeItHacks Toronto   **2021**

- Developed and maintained internal dashboards and tooling
- Developed and taught beginner to intermediate course curriculum using Scratch, Roblox and Modded Minecraft
- Worked with a highly diverse and experienced team to develop learning plans for students and to create a cross-classroom working environment

Coding Instructor (Volunteer), St. Marks Elementary School   **2018-2020**

- Designed a 50-60 hour beginner to advanced Python and web development course
- Built an interactive website with step-by step tutorials and lesson plans
- Taught groups of 10-25 students in Grades 6-8
- Trained student leaders to run modules in smaller groups

SKILLS

- Strong leadership and teambuilding skills
- Strong ability to work independently

TECHNICAL EXPERIENCE

- Virtualization - Proxmox, KVM, and Docker
- Languages - Rust, NodeJS, Go, Python
- Experience with frontend frameworks - React, Svelte and VueJS
- Experience building custom layer 4 and 7 proxy solutions
- Git VCS as well as CI & CD

EDUCATION

- Currently enrolled in the IB (International Baccalaureate) Program
- Graduate of the St. Mark School Gifted Program
- Currently enrolled in Harvard CS50

AWARDS & ACCOMPLISHMENTS

- Won the Gr. 12 University of Toronto hosted DPCDSB Appathon in 2019 out of over 300 participants