Henning Lindig

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EDUCATION

University of Toronto   09/2019 – 04/2023
BSc in Computer Science
cGPA: 3.97/4.00
Dean's List Scholar (2019-2022)
Member of UofT's Technology Leadership Initiative program

PROFESSIONAL EXPERIENCE

Software Engineer Intern @ Citadel   06/2022 – 08/2022
- Developed flows for upgrading and rolling back Kubernetes cluster states using Bash and Go, decreasing cluster upgrade times by 60%
- Established integration testing suite for host-provisioning platform managing over 15,000 Linux servers
- Enabled versioned backups and re-deployments of cluster resources

Software Engineer Intern @ Konrad Group   05/2021 – 08/2021
- Implemented full stack web app using TypeScript, React, Node, GraphQL and PostgreSQL
- Set up CI/CD pipeline for running tests and automatic changelog generation with Gitlab CI/CD
- Developed multi-part request spec image uploading and automatic thumbnail creation using AWS Lambda and s3

PROJECTS

File System
User Space File System
- Implemented an extent-based file system in C with support for file I/O, file creation and removal, and directory traversal
- Used FUSE to mount file system in user space

Trivia!
Full Stack Web App
- Created and deployed a trivia game web app using Typescript, React and Firebase
- Attracted 200+ users in the first week of deployment

FreeGold
ML Classification
- Trained ML model as part of a team to predict the number of upvotes of a given Reddit post
- Presented project at StartAI 2020 conference

COURSES

Operating Systems

Computer Networking Systems

SKILLS

Python • Java • TypeScript • SQL • C • React • HTML/CSS • Bash

Kubernetes • Git • PostgreSQL • REST APIs • OOP