



Computer Engineering
University of Waterloo

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🌐 lhm.rocks

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Work Experience

[more on lhm.rocks/experience.html]

Software Engineering Intern – Wish

Sep – Dec 2019 | Toronto, Canada

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Coming soon ...

Full-Stack Developer Intern – FreshBooks

Sep – Dec 2018 | Toronto, Canada

{ *JavaScript, Ruby, Python, Ember.js, Capybara, Flask, Elasticsearch, MySQL, Docker, Jenkins, Kubernetes* }

Created time tracking feature on admin software to maximize user productivity. Improved Jenkins pipeline speed and reliability.

Security DevOps Intern – Shopify

Jan – Apr 2018 | Ottawa, Canada

{ *Go, Ruby, Python, Kafka, Hadoop, Spark, StatsD, Buildkite, Codecov, Docker, ZooKeeper* }

Design and developed a fault tolerance and high throughput Kafka stream processing application to refine PII data for GDPR compliance.

CTO, Co-Founder – RHBoys

May – Aug 2017 | Waterloo, Canada

{ *Ruby, JavaScript, Ruby on Rails, React Native, MySQL, CircleCI, Nginx, Google AdSense, Google Analytics* }

Started Kicks4Love web and app from scratch. Prevented DDoS attack. Executed fast production changes according to analytics data.

Software Developer Intern – Jewlr

Sep – Dec 2016 | Toronto, Canada

{ *Ruby, JavaScript, Ruby on Rails, Redis, MySQL, Vagrant, OpenSSL, FullStory* }

Integrated payment methods such as Apple Pay on the web, PayPal, ACH, and Affirm. I can show you more of my contribution on jewlr.com.

Application Developer Intern – Ashlin BPG Marketing

Jan – Apr 2016 | Mississauga, Canada

{ *C#, .NET, ASP.NET, SQL Server, Azure* }

Independently implemented microservice ERP system solution. Contributed to open source product and order management applications.

Projects

[more on lhm.rocks/project.html]

Beyond Block

{ *Hyperledger Composer, Hyperledger Fabric, Docker* }

A health care online system powered by blockchain.

Personal Website

{ *PHP, JavaScript, Twilio, Messenger Bot* }

A responsive and mobile friendly website with many cool user interface designs. Applied third party API to implement SMS and bot chat.

Hand Detection

{ *C++, OpenCV* }

A light weighted library to track fingers and hands using image processing. Emphasizing on thread-safe feature to allow real-time detection.

Lense

{ *JavaScript, Firebase, IBM Watson* }

A chrome extension that filters out disturbing contents. It learns from user feedback for machine learning on image classification.

Skills

[more on lhm.rocks#skills]

I am specialized in **Full-Stack Development, DevOps, Site Reliability Engineering, Big Data**.

I like to build **pragmatic software** to solve real world problem with **clean** and **strong** code.