

Education	<b>Honours Bachelor of Science, Computer Science</b> <a href="#">Lakehead University</a>	Sept. 2010 - Apr. 2015
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Work Experience	<a href="#">Giatec Scientific Inc.</a> <b>Lead Software Developer</b> <b>Manager of Software Development</b> <b>Senior Web Developer</b>	Jan 2022 - Present Feb 2020 - Jan 2022 Jan 2019 - Feb 2020
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- Infrastructure
  - Kubernetes, helm, Docker
  - Microsoft Azure Cloud
  - Linux signed boot, disk encryption
  - Multiple boot partitions
- Backend
  - Python, NodeJS
  - Django, Express, Flask
  - REST, GraphQL
  - PostgreSQL
- Frontend (Giatec 360, SmartMix)
  - TypeScript
  - Angular, React
  - Cypress

<i>Perspexis Technologies Inc.</i> <b>Programmer (Employee #2)</b>	July 2015 - Dec 2018
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- Backend
  - Python
  - RPC, Custom TCP protocol
  - Flask, XMLRPC, REST
  - Linux, Postgres, Beanstalkd, Redis
  - Jenkins
- Frontend
  - Python
  - PyQt5, Qt QML
  - Webix JavaScript Framework

<i>Golden Spear</i> <b>Backend Developer (Contract)</b>	June 2015
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- Node.js application for online store
  - PhantomJS to scrape online stores

- Worked with Captain Crunch (John Draper)

## [Wind River Systems](#)

### **Full Stack Developer**

Jan. 2013 - May 2015

- Created Internal and Customer Facing Websites
  - Python, Django, Flask
  - JavaScript, NodeJS, AngularJS
- Administered Linux Servers
  - SSH, Email, LDAP
  - Databases (MySQL, SQLite, PostgreSQL, MongoDB)

## **Technical Skills**

### **Languages:**

- Python, JavaScript, Bash

### **Technologies:**

- [PostgreSQL](#)
- [NodeJS](#)
- [Django](#), [Flask](#)
- [git](#), [Mercurial](#)
- Linux
- Kubernetes, Docker
- [Angular](#)

## **Open Source**

[heatpump-cost](#) - Compare costs of a heat pump to other heating sources.

[nginx-auth-proxy](#) - Authentication for multiple services using nginx.

[qml-explorer](#) - A Debug Console for Qt QML.

[loud-clips](#) - Create a highlight reel of the loud parts of a video.

[htmd](#) - Write Markdown and Jinja2 templates to create a website.

[hashword](#) - Password Manager.