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Technical Skills

Working Knowledge		Familiar	
◇ Java	◇ React	◇ Scala	◇ Scheme
◇ Python	◇ JavaScript	◇ Perl	◇ Go
◇ C/C++	◇ HTML/CSS	◇ MySQL	◇ Bash

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## Work Experience

## Software Developer, Zenreach

Jan. 2019 – Apr. 2019

- ◇ Developed and created UI and endpoints for the product's data protection feature in React and JavaScript
- ◇ Refined and streamlined the website's frontend and microservices to reduce build time
- ◇ Migrated storage of some services to AWS S3 and Redis in Python and Go

## Java Developer, Axonify Inc

May 2018 – Aug. 2018

- ◇ Created audit exports for a relational database using Hibernate Envers in Java
- ◇ Refactored code base to reduce dependencies using AWS S3 and SQS messages
- ◇ Developed, tested, and shipped features and fixes in an agile environment

## Software Analyst, Thales Transportation Canada

Sept. 2017 – Dec. 2017

- ◇ Developed a database prep tool using Object Orientated Perl to transform an XML database into C
- ◇ Communicated within my team and other involved teams to ensure smooth integration

## Director of Finance, UW Virtual Reality Club

Oct. 2017 – Dec. 2018

- ◇ Helped start the club as one of the founding executives
- ◇ Planned and organized Intro to Unity and VR workshops for the general student body

## Floor and Security Volunteer Lead, Hack the North

Jul. 2018 – Sept. 2018

- ◇ Organized and delegated tasks to volunteers to ensure a smooth and safe experience for participants
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## Projects

## Catapult VR: Unity

- ◇ Created a virtual reality game to launch yourself onto islands and collect stars for the Oculus Rift

## Assembler/Compiler: Scala

- ◇ Created a compiler and assembler that turned a basic imperative language into machine code

## ChamberCrawler3000: C++

- ◇ Rogue-style game using OO programming and design patterns

## DonAid; Equithon: HTML/CSS/JavaScript

- ◇ Website and algorithm that ranks charities for the benefit of prospective donors
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## Education

Candidate for Bachelor of Computer Science, Co-operative Program, University of Waterloo, ON,  
Sept. 2016-present