KIRA JANG

3B Computer Science
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Technical Skills

Working Knowledge

- Java
- Python
- C/C++
- React
- JavaScript
- HTML/CSS

Familiar

- Scala
- Perl
- MySQL
- Scheme
- Go
- Bash

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

Projects

Catapult VR: Unity

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

ChamberCrawler3000: C++

- Rogue-style game using OO programming and design patterns

Assembler/Compiler: Scala

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

DonAid; Equithon: HTML/CSS/JavaScript

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

Education

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