

# Parampreet

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## EDUCATION

**University of Waterloo**  
3A Computer Engineering  
Bachelor of Applied Sciences

## SKILLS

**Languages:**  
Java, C, C++, JavaScript  
**Frameworks:**  
Play, Spring Boot  
JUnit, Mockito  
**Databases:**  
SQL, MongoDB  
**Others:**  
Git, Perforce  
Unix, Vim  
Agile, AWS  
Docker, Swagger

## COURSEWORK

Data Structure  
Algorithms  
Concurrency  
Systems Programming  
Compilers  
Object-Oriented Programming  
Embedded Systems  
Prototyping

## LEADERSHIP

**Warrior Home Design Team**  
Electrical lead

## AWARDS

President's Scholarship on Admission

## HOBBIES

Soccer  
Film  
Weight Training

## EXPERIENCE

**Insticator** Jan 2020 – Apr 2020  
Backend Developer Kitchener, ON

- Optimized large revenue excel sheets (100mb+) processing using file streaming to prevent memory exceptions
- Implemented a maven repository and slackbot to report business exceptions
- Integrated numerous third party APIs and carried out SQL migrations on Play & Spring Boot applications

**OpenText** May 2019 – Aug 2019  
Software Developer Waterloo, ON

- Set up RESTful APIs for numerous features including search and pagination
- Optimized APIs to allow for upto 30% faster webpage loading
- Structured a new unit testing library, correcting and enhancing the existing one

**Oracle Eloqua** May 2018 – Aug 2018  
Software Developer in Test Toronto, ON

- Automated black box testing for multiple RESTful services using JUnit
- Built a UI testing framework from ground up using Selenium covering 25% of the app

## PROJECTS

### Image Repository

Created a spring application that can upload, download and search for images on an AWS S3 bucket

### Multi Threaded Web Crawler

Built a web crawler in C that finds PNG images, downloads and stitches them for concurrency course

### Tempus Fugit

Designed a javascript Chrome extension that would track time spent by a user on a specified list of websites