

# DAVID PEET

 davidpeet8.github.io

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 dapeet

 davidpeet8

## EXPERIENCE

### Software Developer

McAfee LLC 

 January - May 2020

 C++

- Leveraged **Multi-threading** to boost efficiency by asynchronously executing code
- Used Forms of **Inter Process Communication** to transfer data between related Processes
- Developed production quality code for the McAfee solution installer
- Engineered bash scripts automating dev environment setup

### Software Developer

Axonify Inc. 

 May - August 2019

 Java, Hibernate, JS, Backbone, MySQL

- Extended **RESTful APIs**, adding new functionality and increasing scalability of legacy code
- Spearheaded Client side effort generating features to be released to **100 000+ users** world wide
- Designed and architected **scalable code** in Java and JavaScript to accommodate company's exponentially increasing server load
- Produced modular, efficient, testable, cross-browser compatible client side components in **JavaScript and Backbone.js**
- Leveraged Mocking framework **Mockito** with JUnit to create **unit tests** for Server side code

## SIDE PROJECTS

### Monthly Payment Tracker

 Java · Hibernate · Spring

- Created **Full Stack** application using **Java Spring Boot**
- Utilized **Postgresql** in handling **persistent data storage**
- Developed **RESTful API endpoints** using Java JPA and Hibernate for querying the database
- Constructed **Gradle build script** for dependency management and data-source connectivity
- Learned about hosting services locally on **network ports**

### Git Branch Parent Tracker

 Bash

- Created script to log **Git** branch creation to a file in tree format
- Aids developers in generating **Phabricator** code reviews

### Terraria Simulation

 Java · LibGDX

- Emulated the popular game Terraria in **Java** and LibGDX
- Improved **team management** skills and collaboration over Github
- Solved **efficiency dilemmas** with map rendering and discrete hit detection allowing for smooth game play

## LANGUAGES


C/C++   Java   JavaScript   Bash  
Assembly   SQL   HTML   CSS

## TECHNOLOGIES

Hibernate   Spring   Git   Docker  
Firebase   Node.js   Linux  
Backbone.js   Marionette.js   jQuery  
Grunt   Jasmine   Gradle


## EDUCATION


Bachelor of Computer Science,  
University of Waterloo


 Sept 2018 - June 2023


CGPA - 3.79/4.0


## ACHIEVEMENTS


 **Term Dean's Honours List**  
88.4% cumulative average in 1A

 **UW Waterloo County Entrance Scholarship**  
For outstanding academic performance

 **UW Presidents Scholarship of Distinction**  
Achieved over 95% entrance average

 **OFSAA Bronze Medal**  
Finished 3rd in Ontario in the Discus throw (10 000+ athletes)

 **Mike Moser Memorial Award**  
Awarded for excellence in academics and athletics (1000 + students)

 **Ontario Basketball Cup Gold Medalist**  
OBA Cup Champions with regional travel team (100+ teams)

## INTERESTS

- Operating System & Compiler Design
- Computer Security
- Data Networking
- RESTful Web Services
- Strategy board games
- Basketball, Volleyball, Track & Field