

# Holly Harnack

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📞 5875909700

🌐 hharnack.github.io/portfolio/

🐙 github.com/hharnack

📝 medium.com/@holly.harnack

## EDUCATION

### Information Technology Diploma · Major in Software Development with Honours

Southern Alberta Institute of Technology

09/2018 - 04/2020

Calgary

#### Achievements

- 3.99/4.00 GPA
- Top third grade in Database Design and Programming
- Received Louise Mckinney Scholarship in Oct 2019
- Received Jack Moore Scholarship in May 2020

### Bachelor of Engineering - First Year Completion

Red Deer College

09/2017 - 04/2018

Red Deer

## WORK EXPERIENCE

### API Data Mapping Consultant

Nuun Digital

07/2020 - Present

Calgary(remote)

#### Achievements/Tasks

- Research and understand OAuth 2.0, APIs, and API documentation
- Analyze data, map data to APIs, and sort data in meaningful ways
- Test data and identify issues with API calls written in PHP

### Software Developer - Summer Student

Agricultural Financial Services Corporation

05/2019 - 08/2019

Lacombe

#### Achievements/Tasks

- Organized and implemented the migration of hundreds of batch jobs by creating an excel spreadsheet, assessing and unit testing each job on a remote server with Cygwin
- Routinely debugged the portal web application written in Java that was accessed by Canadian clients
- Debugged, added encryption and functionality to applications/scripts written in Java, HTML, SQL, C#, and Kornshell
- Created data change scripts written in SQL and PL/SQL
- Received an excellence award for assistance in the creation and implementation of an executable program written in C# and .NET that generated reports for batch jobs containing a significant amount of sensitive client data
- Received an excellence award for creating a replacement build file, replacing an obsolete asset in a Java-based program
- Organized and maintained code using team foundation server and git
- Configured and deployed Java programs with WebLogic server

### Web Application Developer

Salt Current

10/2018 - 03/2019

Calgary(remote)

#### Achievements/Tasks

- Trained to create web applications for a growing start-up
- Worked locally and remotely creating websites using JavaScript, html, CSS, polymer and git

## SKILLS

JavaScript

HTML5

CSS3

Java

SQL Plus

PL/SQL

C#

XML

JSON

RESTful API

React

Git

Polymer

JSP

Linux Command-line

PowerShell

MS Office Suite

Excel Word

## PERSONAL PROJECTS

### Tic Tac Toe Client/Server GUI

- Tic Tac Toe Client/Server GUI Includes a graphical user interface for the client and server allowing multiple people to play Tic Tac Toe and chat with each other. These games run concurrently using Transmission Control Protocol. This game uses the concepts of threading, sockets, inheritance, synchronization and observer pattern. Written in Java using Abstract Window Toolkit and Swing.

### Capstone Project - K9 Fun Family

- Web application created for our client allowing her to manage her dog sitting business electronically. This website was created with a front-end written in JavaScript and React and a back-end written in Java. The front-end and back-end communicate with each other through a RESTful API.

### Portfolio

- Website I am currently working on to display my projects and skills. Written with React and Bootstrap.

## COMMUNITY INVOLVEMENT

### Canada Learning Code · Girls Learning Code

I assisted with debugging children's games, taught them basic programming logic and encouraged them throughout the process.

### CalgaryHacks 2020

Participated in Calgary Hacks where I networked with other developers and created a website that tracked points for students when they attend events on campus

## CERTIFICATES

### Front End Libraries Certification: React

Certificate from FreeCodeCamp

## INTERESTS

Guitar

Music

Video Games

Reading

Writing

Art