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

Bachelor of Engineering - First Year Completion
Red Deer College

09/2017 - 04/2018

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

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

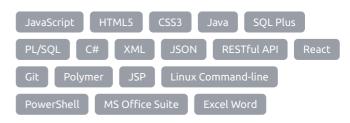*10/2018 - 03/2019*   *Calgary(remote)*

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