Anna Jo

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LANGUAGES	Java, Python, SQL, PHP, Javascript, CSS/HTML, Bash
TOOLS/FRAMEWORKS	Git, ClearCase, Jenkins, Agile, Linux, Apache, Ansible, Visual Studio, ASP.NET

EXPERIENCE

MAY 2018 – AUG 2019

IBM
DB2 Software Developer Intern
- Employed source code management by using Git and building a Jenkins pipeline to trigger builds on new PR submissions via Github hooks
- Gained proficiency in Linux, AIX, Solaris, and macOS command line to diagnose and repair regression infrastructure machines
- Debugged Java and Perl code and ran SQL queries to investigate errors in infrastructure
- Created internal tools with Bash and Perl scripts for increased automation and efficiency of regression testing
- Developed Ansible playbooks to automate pureScale machine setup; created Python module for Ansible to automate database queries from master machine
- Participated in Agile development environment with weekly sprints and daily scrums

MAY 2017 - AUG 2017

VENTURE ENGINEERING AND SCIENCE
Codemakers Advanced Instructor
- Created and delivered an enriching CS and programming curriculum for children in grades 6-8, using a wide variety of software and materials such as Processing and Arduino Unos. Main languages taught: Java, Python, Processing, C++

SEPT 2019 – DEC 2019
JAN 2017 – MAY 2017

MCMASTER UNIVERSITY
Teaching Assistant
- Led 1-3 weekly tutorials for CS1MD3 (Intro to Programming) and SE2XA3 (Software Engineering Practice and Experience: Software Development Skills)
- Coded and utilized autograders for grading assignments using Python and Bash scripts

PERSONAL PROJECTS

MAY 2019

TheHub
- Simulated computer shop that allows users to customize and purchase computers
- Backend SQL database to store computer, order, and user data
- C#, ASP.NET (web forms), JavaScript, CSS/HTML, SQL

FEB 2019

eCademy
- Small scale e-learning web application
- Javascript, PHP, CSS/HTML, SQL, Ajax

JAN 2019

MyGlowUp (Top 10 Winner, UofTHacks 2019)
- Web application that creates a skin care routine based on your "skin profile"
- Search engine implemented with Algolia search API
- JavaScript, PHP, CSS, HTML, SQL

EDUCATION

MAY 2020
cGPA: 3.7/4.0

MCMASTER UNIVERSITY
Honours B.Sc in Computer Science (Co-op)
- **Awards**: Dean's Honour List 2015-2017, Honours Award
- **Relevant Courses**: Data Structures and Algorithms, Databases, Web Programming