Anna Jo

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LANGUAGES	Java, Python, SQL, PHP, JavaScript, CSS3/HTML5, Bash
TOOLS/FRAMEWORKS	Git, React.js, React Native, Jenkins, Ansible, Agile, Linux/Unix, Apache, ASP.NET, AWS

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

EXPERIENCE

MAY 2018 – AUG 2019

IBM
DB2 Software Developer Intern
- Debugged and improved DB2 infrastructure code in Java and Perl for increased automation and efficiency of regression testing
- Gained proficiency of Linux/Unix command line to diagnose and repair regression infrastructure machines
- Reduced daily workload by 15% through creating internal tools to automate tasks in Perl and Bash
- Developed Ansible playbooks to automate pureScale machine setup; created Python module for Ansible to automate SQL queries from master machine
- Employed source code management by using Git and building Jenkins pipeline
- Participated in Agile environment with weekly sprints and daily scrums
- Provided mentorship and training for new full-time hires and interns

MAY 2017 - AUG 2017

VENTURE ENGINEERING AND SCIENCE
Codemakers Advanced Instructor
- Created and delivered computer science curriculum for children in grades 6-8, using a wide variety of software and materials such as Processing and Arduino Unos with Java, Python, Processing and 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)
- Coded and used autograder for grading assignments using Python and Bash scripts

PERSONAL PROJECTS

AUG 2019 - PRESENT

OnTheWay
- Android app that allows users to select an establishment to stop by along the way to their destination; the app will determine the closest location and add it as a waypoint to their route
- Written in JavaScript using React Native and Google Maps API

SEPT 2019

Personal website
- Developed using JavaScript and React.js, deployed with AWS Amplify

FEB 2019

TheHub
- Simulated computer shop that allows users to customize and purchase computers
- Written in JavaScript, CSS/HTML, and C# using ASP.NET webforms
- Backend SQL database to store computer, order, and user data