Jennie Zhang

2B Computer Engineering
University of Waterloo

Personal Info

Email:
x769zhan@edu.uwaterloo.ca
Phone:
(431) 334-8188
LinkedIn:
www.linkedin.com/in/xyzxy123
GitHub:
https://github.com/xyzxy123

Languages

C/C++
Java
VHDL
Assembly
HTML
SQL

Tools

Git
Oracle Database
Linux
Spring Boot
Arduino
Adobe InDesign
Xcode
MS Office

EXPERIENCES:

Software Developer   *Jan - Apr 2019*
Ontario Ministry of Children, Community and Social Services, Toronto
- Designed REST APIs to streamline code development and deployment
- Built a ping web service for Java based projects with Spring Boot
- Tested and modified user information using Oracle Database
- Worked with multiple branches of the project Git Repository

Technical Assistant   *May - Aug 2018*
Xi'an Hongxin Mine Furnace Company, Xi'an, China
- Developed a documentation structure that streamlines access to files across departments.
- Collaborated with project managers to assess and resolve processing difficulties regarding historical files
- Translated over 20 user manuals from Chinese to English for client usage
- Created and presented daily reports for team processes and goals

PROJECTS:

Presto Card Statistics Analysis Program, C++   *Jan 2019*
- Opens and reads csv. files that are directly downloaded from Presto website
- Performs multiple statistical analysis such as trend analysis and forecasting on spending patterns
- Help users with budget optimizations

Mood Recognizer, Python and Open CV   *Feb 2018*
- Built a facial recognition engine to monitor mental health using Python
- Incorporated Open CV's facial recognition, cv2, and NumPy libraries to create a training set use to identify various facial expressions

AWARDS:

- Duke of Edinburgh International Awards Bronze Standard
- 2017 Canadian Open Mathematics Challenge Best in Manitoba Grade 12 Bronze Award