Ingrid (Yawan) Xu

228 Stonehenge Dr, Beaconsfield, Qc, H9W 3X9 | 514-315-4190

ingridxx.github.io | linkedin.com/in/ingridxu | yawan.xu@mail.mcgill.ca

EDUCATION

MCGILL UNIVERSITY
HONOURS COGNITIVE SCIENCE
COMPUTER SCIENCE MINOR
Expected December 2020

NANYANG TECHNOLOGICAL UNIVERSITY
COMPUTER SCIENCE
Fall 2019 | Singapore

LANGUAGES

English (native)
French (native)
Mandarin (native)

SKILLS

PROGRAMMING
Python, Java, Javascript, R

DEVELOPMENT
Android, Node.js, Git, SQL

MACHINE LEARNING
TensorFlow, scikit-learn, NumPy, pandas, NLTK

SELECTED COURSES

Applied Bayesian Data Analysis
Software Engineering
Human-Computer Interaction
Database Design
Computational Psychology
Behavioural Neuroscience

INTERESTS & HOBBIES

FITNESS ENTHUSIAST
Certified Personal Trainer
DANCING
10 years of professional training
PIANO
Level 10 certificate

EXPERIENCE

KRONOS | INCOMING QA SOFTWARE ENGINEERING INTERN
January - May 2020 | Montreal, Canada

WOEBOT LABS | TECHNICAL INTERN
May - August 2019 | San Francisco, USA

Woebot is the world's first mental health AI chatbot, aiming to make mental health care accessible to everyone by delivering digital CBT.
- Performed a data analysis on users' free text data using Python and NLTK to improve Woebot's NLP.
- Performed a data analysis on Zendesk tickets and app store reviews to improve customer support.
- Managed Zendesk (customer support system), and generated monthly ticket report.

DOUGLAS MENTAL HEALTH INSTITUTE | RESEARCH ASSISTANT
Jan - May 2018 | Montreal, Canada
- Worked in Dr. Debruille's Social and Cognitive Neuroscience Lab, was responsible for coordinating participants to go through cognitive tasks and record their brain activity via EEG.

JC GROUP CANADA | SOCIAL MEDIA, MARKETING & HR INTERN
Mar 2017 – May 2019 | Montreal, Canada
- Designed and carried out marketing initiatives for the company.
- Managed the company's social media accounts.
- Engaged in the recruitment cycle, was responsible for job posting, pre-screening candidates and coordinating interviews with the hiring manager.

SELECTED PROJECTS

PHOTO ASSISTANT | ANDROID DEVELOPMENT
Techstack: Java, Android Studio, various APIs.
- Built and deployed a photography helper app that automatically calculates exposure and depth-of-field values, stores user's equipment, and provides real-time weather updates and sunrise and sunset times.

MAKE IT OR BREAK IT | BAYESIAN DATA ANALYSIS
Techstack: R, Python, pandas, BeautifulSoup, Naive Bayes Classifier
- Built a Naive Bayes model that predicts whether a celebrity couple will break up based on the two individuals' personal attributes and past relationships.

EXTRACURRICULAR

XILINX-WOMEN@NTU HACKATHON 2019 | FINALIST
Techstack: Python, PYNQ Board, OpenCV
- Built a human fall detection application to monitor elders at home with OpenCV and PYNQ.