Lihui Yang

lihuiyang98@gmail.com | https://lihui-yang.github.io

EDUCATION

University of Victoria, Victoria BC   May 2018 – Jan. 2022

Bachelor of Science, Computer Science and Psychology Combined Major

WORK EXPERIENCE

Infosys Canada   Feb. 2022 – Nov. 2023

Associate   Burnaby, BC

- Generated proof of concept of **DataDog** integration**,** including requirement, solution mapping, and feedback gathering
- Built a sample prototype of the mobile application by the **Ionic framework** and **Angular**
- Integrated **Azure Notification Hub** to Ionic 4 mobile application to send push notifications to specific users and devices
- Tested **Baidu Cloud Push Service** to send notifications to Android mobile devices
- Implemented UI automation testing of our mobile application by **Kobiton**
- Created **REST API** and set up the **MySQL** database for an e-commerce web application
- Completed basic IT skills training in programming fundamentals & OOP in **Java** and **DBMS**
- Completed technology stream training in Java **Spring Boot** & **Angular**

BC Ministry of Attorney General   May 2021 – Aug. 2021

IM/IT Generalist Co-op   Victoria, BC

- Tested validations of an upgrading portal system manually and tracked bugs by **Jira**
- Built official documentation of the new upgrading portal for the team and customers
- Gathered requirements from the team and created workflows by **Visio** to the vendor
- Redesigned online forms and added new features by **JavaScript**
- Provided helper scripts for over 10,000 files transformation by **PowerShell**

Universidad Católica del Maule   Jan. 2021 – Apr. 2021

Research Assistant Co-op   Victoria, BC

- Bioinformatics research topic about **Genome editing** supervised by Dr. Sara Orellana
- Prepared genomic data samples from the **NCBI database**
- Tested the effectiveness of CRISPR-Cas system in microorganisms by **Artemis** and **ACT**
- Implemented data visualization by **D3.js** and compared the accuracy of three analysis tools
- Designed data dashboard by **Observable** including the graphic map, pie chart, line graph, and bar chart

PERSONAL PROJECTS

Personality Traits on HCI User Interface   https://lihui-yang.github.io/CSC497-ReviewSite/

- An interdisciplinary research project supervised by Dr. Adam Murray
- Added new features of the Big-Five personality traits on the Kindle iOS platform
- Created six personas with **Adobe Spark** and built a high-fidelity prototype by **Figma** and **InVision**
- Evaluated the prototype through **cognitive walkthroughs** with two user groups
- Presented user feedback and analyze potential biases of the result