Lihui Yang

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EDUCATION

University of Victoria   May 2018 – Jan. 2022

Bachelor of Science, Computer Science and Psychology Combined Major   Victoria, BC

WORK EXPERIENCE

Infosys Canada   Feb. 2022 – Nov. 2023

Associate   Burnaby, BC

- Collaborated with cross-functional teams, including development, operations, and finance, to streamline project workflows, resulting in a 10% improvement in project efficiency
- Facilitated regular meetings with stakeholders to review project progress, address concerns, and adjust plans as necessary
- Prepared detailed reports and developer documentation, keeping all parties informed of project status
- Generated proof of concept of **DataDog** integration**,** including requirement, solution mapping, and feedback gathering
- Built a sample prototype of the mobile application using the Ionic framework and **Angular**
- Integrated **Azure Notification Hub** into a mobile application to send push notifications to specific users and devices
- Utilized data analytics tools, including **SQL** and **Powe BI**, to generate actionable insights, leading to a 15% increase in client satisfaction

BC Ministry of Attorney General   May 2021 – Aug. 2021

IM/IT Generalist Co-op   Victoria, BC

- Coordinated projects simultaneously, tracking progress using **Jira** to ensure all deadlines were met
- Gathered internal requests and created flowcharts using **Visio** for vendor communication
- Developed official documentation and prepared tutorial videos for the team
- Calculated the financial budget for the implementation of the **ServiceNow** platform
- Provided helper scripts for transforming over 10,000 files using **PowerShell**

RESEARCH EXPERIENCE

University of Victoria   Jan. 2021 – Apr. 2021

Research Assistant Co-op   Victoria, BC

- Bioinformatics research topic about **Genome editing** supervised by Dr. Sara Orellana at the Universidad Católica del Maule
- Generated genomic data samples from the **NCBI database**
- Tested the effectiveness of CRISPR-Cas system in microorganisms by **Artemis** and **ACT**
- Created an interactive data dashboard in **Observable** for comprehensive data visualization

Personality Traits in HCI User Interface   https://lihui-yang.github.io/demo

- An interdisciplinary research project supervised by Dr. Adam Murray
- Integrated new features based on the Big-Five personality traits into the Kindle iOS platform
- Created six personas using **Adobe Spark** and developed a high-fidelity prototype with **Figma** and **InVision**
- Conducted **cognitive walkthroughs** with two user groups to evaluate the prototype's usability