Lihui Yang

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EDUCATION

University of Victoria   Victoria, BC, Canada
Bachelor of Science, Psychology and Computer Science Combined Major   *May 2018 – December 2021*

WORK EXPERIENCE

IM/IT Generalist - Co-op   May 2021 – August 2021
BC Ministry of Attorney General   *Victoria, BC*

- Tested validations of an upgrading portal system and created bug reports
- Provided helper scripts for massive files transformation
- Built and redesigned online form and added features by JavaScript
- Supported the implementation of a new ITIL platform and drew a workflow diagram for each team

Research Assistant - Co-op   January 2021 – April 2021
Universidad Católica del Maule   *Remote*

- Responsible for preparing gene sample data from NCBI database
- Tested the effectiveness of CRISPR-Cas System in microorganisms
- Implemented data visualization and compared accuracy of different analysis tools
- Worked closely with Professor to have proper research resources available for projects

PERSONAL PROJECTS

Food-Finding Application | *Node.js, Express, MongoDB, EJS* | https://foodfinding.herokuapp.com

- Fully-functional Node.js Web App for sharing dining experience and recommended dishes
- Formed Express as a server-side framework to construct RESTful routing
- Established a login system with user Authentication by Passport.js
- Provided back-end database operations using Mongoose.js with MongoDB

Weather Forecast Application | *HTML, CSS, JavaScript, Node.js* | https://lihui-weather-app.herokuapp.com

- Simple web App to display current weather by entering a city name
- Created an autocomplete location search box using Google Places API
- Used longitude and latitude to pull the information from OpenWeatherMap API
- Connected with APIs using fetch for the Front-End and Axios for the Back-End

SKILLS

- Front-end: HTML, CSS, JavaScript
- Back-end: Python, Java, C
- Database: SQL, MangoDB