

Jack Yang



Calgary, AB



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Skills and Certifications:

Programming:

PHP, Javascript, React, NodeJS, HTML, CSS, Tailwind, SQL (MariaDB), NoSQL (MongoDB, Firestore), C++, Python, Java, Haskell, Prolog

Tools:

Google, VS Code, VS, Vim, Git, Batch, MS Office, Windows Tools, Photoshop, Wireshark, ArcGIS

Education:

BSc in Computer Science

Graduation date: 2022

University of Calgary

- Jason Lang Scholarship and Rutherford Scholarship

Experience:

Netcom casual

2022 May - 2022 Nov

Altalink LP

- Debugged, maintained, upgraded, and documented netcom team's ticketing system (Apache/PHP, MariaDB) through system upgrades
- Assisted in maintaining network hardware equipment and configurations in the backup data center
- Designed and implemented a web service in which network service impact analysis reports were scanned using Python and stored in a MariaDB database
 - The web service was served by Apache and framed by a web application that users could interact with through a simplistic UI built with HTML, PHP, CSS, and BootstrapCSS
 - Operated as a more efficient method of storage, ease of viewing, comparisons, and customized retrieval for thousands of reports made in the past couple of decades.
 - The entire application was purpose built to replace the traditional methods used by the entire operations and engineers in the operations department

Projects:

E-commerce Website



- A full stack cat themed e-commerce merchandise website built with Next Js framework featuring product searching with Algolia, and backend data supported by Firebase

Web-based Systems



Rate My U of C Courses

- A web application system for students (and others) to see and rate the courses at the University of Calgary
- Frontend designed with Figma and built with HTML and SCSS while backend database supported by MongoDB and Express js, and administration and accompanied by JWT

Web-based Systems



Simple web chat app

- Utilizes web sockets with Socket IO library to provide real time centralized user connection and support multiple users served by ExpressJS server.
- Stylized and formatted with HTML and CSS.

HackTogether 2020



Covid Tracker

- A (winning) solution to the HackTogether 2020 competition
- Worked as a team to design and implement a full stack web application to keep track and visualize covid-19 cases in Canadian universities
- Frontend built using HTML and BootstrapCSS framework, and data delivered by PHP, Python and MySQL