Jack Yang

Calgary, AB

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ahfhafh.github.io

Skills and Certifications:

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

Tools:
VS Code, VS, Vim, Git, Batch, MS Office, Windows Tools, Photoshop, Wireshark, ArcGIS, (proper) Googling

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Education:

BSc in Computer Science   *Graduation date: 2022*
University of Calgary
- Jason Lang Scholarship and Rutherford Scholarship

Experience:

Network Communications Intern   *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, interaction, and customized retrieval of data for thousands of reports made in the past couple of decades.
  - The entire application was built to replace the antiquated methods used by the technicians and engineers in the operations department

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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