James Cahyadi

2A Computer Science and Finance Undergraduate

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- **in** j-cahyadi
- JamesCahyadi
- Home Page

Skills ›

Languages	JavaScript, C++, Python, Java, HTML/CSS, SQL
Frameworks	React, Material-UI, Express, Bootstrap, Flask
Technologies	Git, Microsoft SQL Server, Postgres, Jira, Visual Studio, VBA

Projects ›

Inventory Management
inv-management.herokuapp.com

- Built a full-stack application which enables equipment managers to easily track their inventory items and orders
- Used React and Material-UI to implement responsive layouts and enhance the overall user experience
- Developed a RESTful API using Express to use and access all inventory information stored in the Postgres database
- Implemented search functionality, ability to merge duplicate orders, and normalized relational database

Popcorn Movies
the-popcorn-movies.herokuapp.com

- Developed a website to search movies, read plot summaries, and view movie trailers using VanillaJS, HTML/CSS
- Leveraged external APIs from Open Movie Database, New York Times, and Youtube to obtain movie information
- Used CSS flexbox and grid layouts to improve the user interface and assist in mobile responsiveness

UWaterloo Zone
uwzone.herokuapp.com

- Utilized Flask to create a website that allows students to post reviews about programs at the University of Waterloo
- Implemented pagination, user authentication, and program review filtering based on dates and program name

Word Search

- Built a word search game using Pygame that dynamically generates a random word bank and board each time
- Constructed a resizeable board with variable dimensions and ability to reveal words from the word bank

Experience ›

Technical Implementation and Support Specialist
Front Rush - Software company providing athletics software solutions

Stouffville, ON
May 2020 - Aug. 2020

- Handled live customer database using Microsoft SQL Server to effectively manage and solve data related issues
- Revamped frontend of company's website and admin site using JavaScript/HTML/CSS by translating wireframes
- Developed an announcement board web page to educate customers and increase customer retention by 50%
- Used Chart.js to insert graphs into website which enabled clients to visualize transaction data stored in the database
- Discovered a critical data sync bug in the mobile application which had affected multiple clients for over 10 years

Taekwondo Instructor
Master Teo's Taekwondo

Markham, ON
Jan. 2017 - Jun. 2019

- Led hourly long classes with over 20 students to ensure they learned patterns and techniques with confidence
- Refereed in-class sparring matches to administer the rules and enforce sportsmanship among all competitors

Education ›

Candidate for Bachelor of Computing and Financial Management
University of Waterloo

Waterloo, ON
Sep. 2019 - Apr. 2024 (Expected)

- 1A & 1B Term Dean's Honour List (88.2%)
- Relevant Coursework: Object-Oriented Software Development, Elementary Algorithm Design and Data Abstraction