James Cahyadi

Computer Science and Finance Undergraduate

📞 647-270-8461　•　✉ jcahyadi@uwaterloo.ca　•　🏠 Personal Website　•　⭘ GitHub　•　in LinkedIn

Skills

Languages　JavaScript, Python, C, Java, HTML/CSS, SQL
Technologies　React, Express, Node, PostgreSQL, Material-UI, Flask, VBA, Jira, Confluence
Soft Skills　Initiative, Team Building, Detail-Oriented, Problem Solving, Fast-Learning

Projects

Inventory Management　　　　　　　　　　　　　　　inv-management.herokuapp.com | Sep. 2020
- Built a full-stack PERN (PostgreSQL, Express, React, Node) application for managing equipment
- Developed a RESTful API to perform HTTP requests (get, post, put, delete) on item and order information
- Used Material-UI components to assist in frontend development

Word Search　　　　　　　　　　　　　github.com/JamesCahyadi/Word-Search | Jul. 2020
- Built a word search game using Pygame that dynamically generates a random word bank and board each time
- Implemented a resizeable board with variable dimensions and ability to reveal words

Popcorn Movies　　　　　　　　　　　　the-popcorn-movies.herokuapp.com | Jun. 2020
- Created a movie and TV show database website using VanillaJS, HTML/CSS
- Involved multiple fetch requests to The Open Movie Database, New York Times, and Youtube API
- Demonstrated use of CSS flexbox and grid layout to enhance user interface and mobile responsiveness

Dodge Master　　　　　　　　　　　　github.com/JamesCahyadi/Dodge-Master | Dec. 2019
- Utilized object oriented programming to build an endless dodging game with Java Swing
- Constructed a collision detection engine for player and bouncing blocks

Experience

Technical Implementation and Support Specialist　　　　　　　　　　Stouffville, ON
Front Rush - Software company providing athletics software solutions　　　May 2020 - Aug. 2020
- Built frontend of company's website and restyled email notifications using JavaScript/HTML/CSS
- Added graphs to website with Chart.js which allowed clients to visualize transaction analytics
- Wrote SQL queries against database to solve support tickets from clients such as NBA teams and colleges
- Created an image extract macro using VBA to allow equipment managers to view item images on the website
- Developed a test plan and reported bugs for mobile application using Jira

Taekwondo Instructor　　　　　　　　　　　　　　　　　　　Markham, ON
Master Teo's Taekwondo　　　　　　　　　　　　　　　　　Jan. 2017 - Jun. 2019
- Led hourly long classes to ensure that students learned patterns and techniques with confidence
- Refereed in-class sparring matches to administer the rules and enforce sportsmanship
- Judged students during belt promotion tests to determine if they were prepared to advance

Education

Candidate for Bachelor of Computing and Financial Management　　　　Waterloo, ON
University of Waterloo　　　　　　　　　　　　　　　Sep. 2019 - Apr. 2024 (Expected)
- Double major in Computer Science and Finance
- 1A & 1B Term Dean's Honour List (88.2%)
- Received Computing and Financial Management Entrance Scholarship