

# James Cahyadi

Computer Science and Finance Undergraduate

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## Skills

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**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

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### Inventory Management

[inv-management.herokuapp.com](https://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](https://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 resizable board with variable dimensions and ability to reveal words

### Popcorn Movies

[the-popcorn-movies.herokuapp.com](https://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](https://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

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### 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

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### 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