

# Joshua Macadangdang Ranin

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## EDUCATION

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### Queen's University

*Bachelor of Computing (Honours)*

**Kingston, ON**

*Expected in April 2028*

## PROJECTS

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### NUTRITRACK

- Built a gen AI based website using HTML, CSS, Javascript that would take in a user's ingredients and would have artificial-intelligence search recipes based on the ingredients a user may have
- Explored in implementing a grocery list that would be used for when users would enter in a dish they would choose to make, which would then provide the ingredients in the grocery list for what the user may need
- Explored in taking on the role of being the back-end developer to integrate OpenAI into the website by using runtime environments such as Nodejs and Postman

### SCROLLEATS

- Built an app using HTML, CSS, Javascript, and ReactNative to help users find restaurants in their specific area for deciding where to eat
- Implemented a feature for users to give restaurants different ratings and leave a review
- Developed a feature where you could use the search button to filter in certain kind of cuisines and the location on where you would search, and once a restaurant is clicked on, there is a button where the user is directed to Google Maps where all info is found of that restaurant chosen by the user
- Implemented a feature where users get on "BIG BOOM" per day to give to any restaurant of their choice, and once clicked a animation of content creators AJ and Big Justice saying "BOOM" would appear
- Implemented the Google Places API and GeoLocation to help filter different restaurants found in the user's area

### FAMILY FEUD GAME

- Developed a console based program in Eclipse, using basic fundamentals
- Designed the format of the program to enhance the experience of the terminal based game

### BOGGLE DELUXE GAME

- Developed with other classmates using Object-Oriented-Programming in Java, where the objective was to create as many words as you can with the given letter shown on the screen.
- Installed features such as Player vs AI, Player vs Player, and Player vs Time for the user to choose
- Handled in implementing music, sound effects, and GUI

## WORK EXPERIENCE

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### KUMON MATH AND READING CENTRE OF RICHMOND HILL - RICHVALE **Richmond Hill, ON**

*Classroom Assistant*

*Aug 2021 - March 2022*

- Assisted in marking classwork, corrections, and homework, while simultaneously walking around and helping students with their work
- Earned the responsibility of data entry for entering the score of each student's homework and classwork

## ADDITIONAL

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**Technical Skills:** Javascript, HTML, CSS, Bootstrap, Nodejs, ReactNative; Proficient in Java and Python

**Languages:** Fluent in English; Conversational Proficiency in Tagalog; Limited in French and Korean

**Certifications & Training:** CodeAcademy for learning Python3, HTML, and Bootstrap

**Awards:** Ontario Scholar