

# Franklin Ramirez

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## Technical Skills

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**Languages/Technologies:** Java, Python, C, C++, HTML/CSS, JavaScript, JQuery, LaTeX

**Tools/Frameworks:** React, Node.js, REST API, Git, GitHub, VS Code, IntelliJ IDEA, NetBeans

## Projects

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### Black Jack Card Game | *Java*

Nov. 2021 - Dec. 2021

- Implemented a test-driven development incorporating agile development practices for performance optimization
- Employed Java packages to utilize collection frameworks, input classes, output classes and exception handling
- Deployed debugging techniques to effectively identify and resolve complex edge cases ensuring a stable and reliable application experience

### Personal Website | *React - JavaScript, HTML, CSS* | Website

Dec. 2022 - Present

- Designed and created a personal website/portfolio highlighting projects and achievements with React
- Utilized JavaScript and Bootstrap for a responsive web application with cross-browser compatibility and scalability
- Built a secure Front-End and Back-End with a user interface design utilizing components such as props, routing, and hooks, and UI/UX elements via React concepts for smooth performance

### Box Breaker Game | *Java (Processing)*

Sept. 2021 - Oct. 2021

- Implemented a game similar to "Brick Breaker" but enhanced by infinitely creating boxes
- Dynamically varied the speed and angle of the pong ball utilizing the "map" function and conditional statements

### To Do List GUI | *JavaFX, Java, FXML*

Oct. 2022 - Dec. 2022

- Constructed a To Do List GUI application allowing users to add tasks with optional organizational details
- Applied XML to read and write data to handle data exchange between files and optimized with Java APIs

## Extracurricular Involvement

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### MathSoc Mental Health Director

January 2023 - Present

*University of Waterloo*

- Organizing a development plan for the delivery of campus care packages to promote and improve the mental wellness of all 9000+ Math faculty students
- Actively engage with faculty staff to acquire external sponsors to empower students with the resources for healthy living and organize and execute school wide mental health events

### Outreach Partnership Team Manager

March 2021 - Present

*Non-Profit Organization - Foundation for Advocating Youth Education (FAYE)*

- Spearheaded securing partnerships with other non-profits resulting in a substantial 50% uplift in partnered events
- Honed my communication skills by securing potential adults to serve on our organization's Board of Directors through expert outreach and relationship building

### Wellness Club Co-President

July 2021 - July 2022

*William Lyon Mackenzie Collegiate Institute*

- Implemented a school development plan that increased accessibility to mental health resources leading to 50% more individuals seeking mental health guidance with 100% feeling thankful that they sought the resource
- Doubled our online member count and tripled online post and event engagement through more club promotions and partnerships through the club's social media pages, club crawls, and numerous advertisements

## Professional Experience

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### Retail Sales Associate

July 2022 - Sept. 2022

*H&M*

*Toronto, ON*

- Engaged with customers, provided consultation on products and services, and identified the customers' wants and needs which contributed to the 15% increase in sales for the Summer season
- Gained interpersonal skills to build great relationships with colleagues in order to improve customer satisfaction

## Education

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### University of Waterloo

Present - April 2027

*Candidate for Bachelor of Computer Science*

*Waterloo, ON*