

# Jason Ramos

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## Education

### The University of British Columbia

Aug 2021 – June 2024

*B.S. in Computer Science, Dean's List, GPA: 4.33/4.0*

### De La Salle Lipa

Aug 2020 – Aug 2021

*Full Scholar, Dean's List, Top 1 in Computer Science & Top 12 Overall (2020-2021)*

## Experience

### Full Stack Web Developer

June 2023 – July 2024

*Omica Marketing Corporation*

- Developed an all-in-one e-commerce and business management solution
- Streamlined internal processes by integrating employee payroll directly into business tasks
- Enhanced delivery time by combining purchasing, processing, and shipping into one channel
- Expanded inventory through a multi-warehouse system integrated with suppliers

### Software & AI Developer

Aug 2023 – Dec 2023

*University Of British Columbia*

- Published a research paper on using NLP and RAG models to integrate domain-specific knowledge into highly-used conversational models including GPT 4.0, Llama3, and Gemini Ultra
- Added AI middleware to detect redundant questions to increase response time and reduce cost
- Created interfaces to interact with the chatbot and manage document resources

### Full Stack Developer & Designer

May 2023 – Aug 2023

*University Of British Columbia*

- Implemented 300+ Selenium tests and integrated them into our continuous integration system
- Developed an IDE featuring saving, multiple languages, and AI question-generation capabilities
- Resolved 150+ issues, authored 75+ pull requests, and reviewed 50+ pull requests

### Full Stack Web Developer

June 2021 – Jan 2022

*Comer Formworks & Tonaeki Formworks*

- Developed & designed 2 full product showcase websites from ideation to maintenance
- Coordinated with board members to identify and refine project requirements

### Programming Instructor

Jan 2021 – June 2022

*Real Programming 4 Kids*

- Taught, designed, and built game-oriented courses using C#, Java, Python, and Unity
- Organized and led trial classes resulting in increased student enrollment

## Technical Skills

**Languages:** JavaScript, TypeScript, HTML, CSS, SQL, NoSQL, C#, C++, Python, Java, and R

**Tools:** NextJS, React, Vercel, Docker, AWS, Azure, Node.js, GitHub, LangChain, HuggingFace, and Firebase

**Testing:** JUnit, Jest, Mocha, Chai, Cypress, Selenium, GitHub Actions, Postman, and Insomnia

**General:** Agile Development, REST API, Object-Oriented Design, Database Design, and MVC Model