

Humayura Nishi

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EDUCATION

University of Toronto

Honours BSc in Computer Science

Toronto, ON

September 2021 – May 2025

- sGPA: 3.75/4.00
- Enrolled in the **Arts and Science Internship Program (ASIP)**
- Relevant Coursework: Data Structures and Algorithms, Object Oriented Programming (Java), Operating Systems (C), Databases (SQL), Web Programming, Computer Architecture, Artificial Intelligence, Machine Learning

TECHNICAL SKILLS

Languages: Java, Python, C, SQL, JavaScript, HTML/CSS, R

Frameworks: Node.js, Next.js, Bootstrap, Tailwind CSS, Django, Express.js

Developer Tools: Git, Bash, Android Studio, Figma, Postman, Spline, Unix

Libraries: ReactJS, PyGame, Scrapy, Plotly, Swing, Pillow, NumPy, Prisma

Databases: PostgreSQL, SQLite, MySQL, MongoDB

PROJECTS

SwiftCart | *Next.js, ReactJS, Bootstrap, Tailwind CSS, MongoDB, Express.js*

December 2023 – Present

- Constructed an e-commerce website using the **MERN stack** to offer a streamlined shopping experience capable of servicing **500+** simultaneous users
- Conceptualized and crafted **25+** visually stunning front-end layouts using **Figma**, integrated with **Tailwind CSS** and **React** to deliver highly responsive and engaging user interfaces
- Optimized website performance by constructing **REST APIs** for handling **CRUD** operation using **Next.js Router Handlers** and **MongoDB database**, achieving a remarkable **60%** reduction in website update times

Eat It. (Elle Hacks Finalist) | *MongoDB, Express.js, React, Node.js*

February 2023 – July 2023

- Collaborated with three team members to develop a **web application** facilitating connections between food donors and food banks, contributing to the fight against food waste
- Developed a comprehensive **MERN stack** website enhancing accessibility to food donation services, projected to increase food donation frequency by **70%** via scheduling pickup and deliveries
- Attained a **Top 3 rank** among **200+** participants for developing innovative applications aimed at addressing climate-related challenges

Mariogatchi | *Java, Swing, Git*

September 2022 – December 2022

- Led a team of seven in the development of a **Java-based** interactive game, enabling users to create online personas and engage in online communities
- Employed **SOLID object oriented programming** principles, integrating **5** unique **design patterns** to ensure a structured and maintainable codebase
- Conducted thorough **unit testing** procedures to identify and eliminate bugs, resulting in a **20%** improvement in software reliability and performance

CO(VISION) | *Python, Scrapy, Plotly, Git*

November 2021 – December 2021

- Coordinated with a team of four to develop a **Python-based** application that analyzed the impact of COVID-19 on the discussion of mental health and unemployment in media
- Extracted and analyzed data from **500+** Canadian news articles via web scraping; conducted **data analysis** to uncover insights into the impacts of COVID-19-related lockdowns on economic trends

WORK EXPERIENCE

Sales Associate

May 2022 – September 2023

Steve Madden Canada

Toronto, ON

- Worked alongside 10-15 other employees to professionally service **100+ clients** daily, achieving a **95%** customer satisfaction rate
- Leveraged exceptional customer engagement strategy to assist in selecting footwear and shoe care products tailored to their needs, exceeding personal revenue targets of **over \$1,000** daily