

Rita Wang

☎ +1 (365) 773-8176 ✉ ritaaawzy@gmail.com [in LinkedIn](#) [GitHub](#) [Personal Website](#)

Seeking opportunities for SDE internship in September 2024. I'm currently a 4th-year student at the University of Toronto majoring in CS and Statistics, minoring in Math, expect to graduate in December 2024.

EDUCATION

University of Toronto

Expected December 2024

Honours Bachelor of Science in Computer Science and Statistical Science

Toronto, ON

- **Relevant Coursework:** Data Structures and Algorithms (Python), Software Design (Java), Theory of Computation, Machine Learning, Neural Network and Deep Learning, Linear Algebra, Numerical Method, etc.

EXPERIENCE

ILLA Cloud

June 2023 – October 2023

Full Stack Software Engineer Intern

Delaware, United States

- Host **HackToberFest** 10th Anniversary.
- Implemented and debugged over **20** front-end UI features and components of the company's website with **React.js**, **Next.js**, and **TypeScript**, designed responsive and intuitive UI using **Figma**.
- Performed testing on web pages, analyzed user feedback, and collaborated with the product manager, UI designer, and other developers to develop innovative solutions.

Borealis AI, RBC

May 2022 – July 2022

ML and AI Engineer Intern

Toronto, ON

- Collaborated with Borealis AI, RBC to develop a predictive enrollment analytics App prototype using **Figma** for UI design.
- Utilized **Python** to implement and compare the performance of various machine learning models, including linear regression, random forest, XGBoost, and AdaBoost, resulting in an **81%** accuracy rate.
- Leveraged data cleaning and visualization by Python with **Matplotlib** and **Seaborn** to preprocess the dataset, uncover insights, and effectively communicate model findings.

Data Glacier

March 2022 – July 2022

Data Analyst Intern

Remote

- Leveraged **SQL** and **Python** with Pandas to preprocess and engineer features for a dataset of over **850,000** records, created a comprehensive master dataset, and executed exploratory data analysis.
- Implemented Random Forest Regressor in **Scikit-Learn** and Long Short-Term Memory (LSTM) in **PyTorch** for time series analysis, reducing baseline test RMSEs by 7.61% and 5.97% respectively.
- Served as a pivotal member of a collaborative team, responsible for crafting data visualization in supporting critical decision-making initiatives.

PROJECTS

Accounting System | Java

May 2024 – Ongoing

- Designed and deployed an Accounting System that allows users to manage financial records, generate informal financial reports, and ensure compliance with accounting standards.
- Built a **RESTful APIs** for user registration, account management, and export operations.

MIMISushi | JavaScript, HTML, CSS, Vite, AOS.js

June 2024

- Developed and deployed a responsive, mobile-friendly online sushi ordering website "MIMISushi" utilizing **JavaScript**, **HTML**, **CSS**, and **Vite**.
- Implemented an appealing user interface with a minimalist design to showcase the brand, popular sushi dishes, and interactive menu, further enhancing the user experience through the incorporation of smooth and subtle animations by **AOS.js**.

Link-Up | JavaScript, HTML, CSS

January 2023

- Developed a web application "Link-Up" during a 36-hour SheHacks +7 hackathon that aggregated participants' personal calendar data to identify mutually available time slots for event scheduling.
- Leveraged **HTML**, **CSS**, and **JavaScript** to build the responsive web interface, which allowed users to select a convenient meeting time and automatically generate a shareable calendar invite.
- Employed client-side scripting with **JavaScript** to fetch and process calendar data, and utilized DOM manipulation to render the available time slots on the webpage dynamically.

SKILLS

Programming Languages: Python, JavaScript/TypeScript, HTML, CSS, Java, R, SQL, LaTeX

Technologies/Frameworks: React, Vue.js, Next.js, Node.js, RESTful API, NumPy, Pandas, Seaborn, Flask, PyTorch, GitHub

Developer Tools: Visual Studio Code, PyCharm, IntelliJ J, Git, GitHub, RStudio

Concepts: Object-Oriented Design and Programming, Operating System, Web Application, Artificial Intelligence, Machine Learning, Neural Networks, API, Database, EDA, Data Visualization

Languages: English, Mandarin