NAYEON HYUN

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EDUCATION

Honours' Bachelor of Science - Bioinformatics Specialist　　　　　**09 2019 – 04 2024**
University of Toronto - St. George Campus　　　　　Toronto, ON

TECHNICAL SKILLS

Languages: Python, Java, C, HTML, JavaScript, SQL, R
Technologies/Frameworks: Linux, GitHub, ReactJS, React Native, Django, Git, Springboot

PROJECTS

Digital Signage System | Technology Stack Used: Drupal, Bootstrap, CSS　　　　　**08 2021**
- Sole developer of a digital signage system that is used to display information on campus at University of Toronto Faculty of Law and Bora Laskin Law Library

Tech Conference System | Technology Stack Used: Java, OOP, JavaFX　　　　　**01 2021**
- Engineered a program and user interface with 5 teammates utilizing Java, incorporating object-oriented design, design patterns, clean architecture, model-view-controller pattern, and CSS.

EXPERIENCE

Software Developer　　　　　**08 2022 – PRESENT**
Ontario Institute for Cancer Research　　　　　Toronto, ON
- Full stack software developer for Dockstore. Worked in an Agile environment to develop front-end, back-end, and CLI components of Dockstore utilizing mainly Java and JavaScript
- **Skills used: Java, JavaScript, SQL, AWS, Cypress**

Undergraduate Bioinformatics Researcher　　　　　**09 2022 – 04 2023**
UHN - Princess Margaret Cancer Centre　　　　　Toronto, ON
- Research student at the Gaiti Lab. Project involves low-level development to identify somatic mutations.
- **Skills used: Bash**

Undergraduate Bioinformatics Researcher　　　　　**05 2022 – 08 2022**
CAMH - Krembil Centre for Neuroinformatics　　　　　Toronto, ON
- Research student at the Tripathy Lab. Project involves development with bash and R to analyze differential expression of gene isoforms.
- **Skills used: R, Bash, Public Speaking**

IT Help Desk Analyst　　　　　**05 2020 – 08 2022**
University of Toronto Faculty of Law　　　　　Toronto, ON
- Completing various side projects mainly web development, for the Faculty of Law website
- Coordinate the ticket queue to ensure Service Level Objectives are met using the Jira software
- **Skills used: Drupal Web Development, JIRA, Customer Service**

EXTRACURRICULAR

VP of Public Relations　　　　　**05 2020 – 04 2021**
Woodsworth Racialized Students' Collective (WRiSC)　　　　　Toronto, ON
- Completed numerous tasks promoting racial advocacy through social media posts and events.

Mathematics and English Tutor　　　　　**11 2019 – 04 2020**
CAUSE Tutoring　　　　　Toronto, ON
- Tutor at a charity that give access to education among the homeless, vulnerable, and at-risk population.

RELEVANT COURSES

- CSC207: Software Design
- CSC263: Data Structures and Analysis
- CSC373: Algorithm Design, Analysis & Complexity Hours

CERTIFICATIONS

- IBM Django Application Development with SQL and Databases 🗗
- Stanford Relational Databases and SQL Certificate 🗗