Suyash Singh

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Education

York University 3rd-Year/ Average **GPA: 3.7** on a 4.0-grade scale
BSc.(Computer Science) SEPT 2020 - Dec 2023, Toronto, ON.

University of Northern British Columbia/ Average **GPA: 4.0** MAY 2019 - APR 2020, Prince George, BC. (Transferred out)

Experience

York University / **Research Assistant** (Richard Murray) - ML, AR/VR
SEPT 2022 - APR 2023 (Ongoing), Toronto, Ontario.

I work on Machine Learning models for human vision experiments. I also collect valid data for these models using experiments for which I write the code (Python) and environment (Unity). These experiments are mainly focused on Augmented/ Virtual Reality.

York University / **Teaching Assistant** - Software Design
SEPT 2022 - Ongoing, Toronto Ontario

I run live tutorials, grade labs, and assist students for a 3rd-year Computer-Science course focused on Software design patterns and industry standards (EECS 3311).

York University / **Lab Monitor** - Engineering Labs
FEB 2022 - Ongoing, Toronto, Ontario.

I manage three engineering labs with 100+ students, controlling inventory: loaning/returning electronics and troubleshooting Linux machines.

York University / **Project Assistant** (Jane Tingley) - IOT data visualization
May 2022 - July 2022, Toronto, Ontario

I created visualizations in javascript using three.js, canvas with moderate use of node.js. Recent works are accessible on GitHub.

Skills

Languages: Java, Python, C/C++. PHP, HTML, CSS, Javascript, MySQL, Assembly, Swift, Kotlin, React, Angular,

Tools: Unity, PennyLane, VSCode, Qiskit, Jupyter, Kubernetes, Node, IntelliJ Idea, Tensor Flow, MS office suite, Docker, CLion, PyCharm, Git, Express, Linux, Photoshop, After Effects.

Interests: Quantum computing, A.I., Writing, Psychological Profiling, Constructive Conversations, Math

Projects

UNHack 2022 (Hackathon): *2nd place winner* (out of 85 teams) for presenting e-Portfolio, an A.I assisted course manager for university students. I lead a team of randomly assigned members to plan, prototype and present the idea.