Inderjeet Gill

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EDUCATION

BACHELOR OF COMPUTING CO-OP (HONOURS) IN COMPUTER SCIENCE   **2022 - 2027**
Minor in Mathematics
UNIVERSITY OF GUELPH

- **Relevant Courses:** Data Structures, Algorithms, Discrete Mathematics 1 & 2, Object-Oriented Programming, Software Development & Integration, Computer Architecture, Operating Systems, Principles of Leadership & Management, Differential Equations, User Interface (UI) Design

TECHNICAL SKILLS

- **Languages:** C, Java, Python, SQL, Assembly, HTML, CSS, and JavaScript
- **Development Tools:** Github, Git, Visual Studio Code, Linux, Eclipse, Maven, and Docker
- **Project Management Tools:** JIRA, Trello, and Microsoft Office (Word, Excel, Teams, and PowerPoint)

PERSONAL PROJECTS

BILLIARDS ACTION WEBSERVER | *C, PYTHON, SQL, HTML, CSS, JAVASCRIPT, JSON*
- Full-stack Billiards Webserver, modeling segments of pool shots in real-time using back-end in C, front-end in HTML and CSS, while data collection and management is done using databases in SQL.
- Plans for product design improvements include challenging pool shots emulated using realistic physics.

DIGITAL MANCALA GAME | JAVA
- Designed a traditional board game using Object-oriented concepts to create a functioning digital version for users to play and challenge each other.
- Implemented JUnit test cases for all possible game scenarios, while maintaining clean and readable code.
- Encapsulated classes for information security allow users to feel safe entering private information, in return enhancing their gaming experience.

INTERACTIVE TRAFFIC LIGHT SIMULATOR | JAVA
- Recreated a traffic light system in Java to encourage road safety for new drivers.
- Usable Graphical User Interface helping drivers visualize vehicle speed in correlation to traffic light signals.

EXTRA-CURRICULAR / LEADERSHIP

DIRECTOR OF EVENTS   **Sep. 2023 - April 2024**
GUELPH WOMEN IN COMPUTER SCIENCE
- Curated and executed monthly affairs while overseeing financial stewardship for 150+ women in computing.
- Empowered and championed women to be leaders for critical causes in tech.

GO CODE GIRL EVENT COORDINATOR   **Feb. 2023 - Feb. 2024**
GUELPH WOMEN IN COMPUTER SCIENCE
- Doubled attendance between 2023 and 2024 due to organizing and leading a secure learning environment teaching Python to 160 girls, enhancing creativity, and innovative problem-solving.

WORK EXPERIENCE

TIM HORTONS   **July 2022 - Sept 2023**
TEAM MEMBER
- Collaborated in a team environment, attending to 150+ customers daily by proactively problem-solving.

BANANA REPUBLIC   **July 2021 - Nov. 2021**
STYLIST
- Cultivated client relationships through proficient product knowledge and verbal communication.
- Maintained inventory management and optimization by intricately auditing every item in store.