HARKIRAT SOOMAL

COMPUTER SCIENCE CO-OP STUDENT AT THE UNIVERSITY OF GUELPH

✉ soomalh4@gmail.com
in https://www.linkedin.com/in/hsoomal/
☎ (437) 265 -7801
⌂ https://github.com/Harkirat78

SKILLS

Languages
- C, C++, Java, Python, Javascript/CSS/HTML, SQL, C#, Lua

Frameworks and Libraries
- Django, React.js, Node.js, Spring Selenium

Tools and OS
- Github, Gitlab, Linux Command Line Terminal, Visual Studio, PyCharm, MySQL, Valgrind, Excel, MATLAB, MacOS, Windows

PERSONAL PROJECTS

SORTING VISUALIZER (2023)
- Interactive JavaScript/React.js web application visualizing six key sorting algorithms features colour-coded progression, user-adjustable settings, and detailed complexity metrics for algorithms

CALORIE CANVAS (2023)
- Constructed a Python-based calorie tracker in a virtual environment with Django and JavaScript for advanced data visualization enabling nutritional assessments via API integration.

KNIGHTS GAMBIT (2023)
- Created advanced Java-based Chess Game using high-level OOP techniques for immersive gaming with help of spring boot.

EXTRACURRICULARS

Hack Club Leader
Harold M. Brathwaite SS

Sept 2021 - May 2022
- Led and organized club events/meets for the club
- Aided students for coding competitions and hackathons

EXPERIENCE

Data Administrator | Cool Summer Camp | Brampton, ON
May 2023 - August 2023

- Ensured accurate and organized datasets, enabling efficient analysis and decision-making for camp operations.
- Collaborated with cross-functional teams, providing data-driven insights to optimize processes and identify growth opportunities.
- Streamlined data retrieval and reporting using administration tools, empowering stakeholders with real-time information.

Software Engineer | GAO Tek | Toronto, ON
May 2023 - August 2023

- Developed elegant full-stack web applications using languages such as JavaScript, with strong emphasis on debugging as an unpaid intern
- Collaborated with cross-functional teams to optimize software performance, implement innovative solutions and conduct thorough testing.
- Demonstrated problem-solving skills, resolving complex technical issues and leveraging advanced technologies for improved efficiency and productivity.

Digital Marketing Intern | WizePrep | Guelph, ON
Jan 2023 - May 2023

- Developed and maintained HTML, CSS, JavaScript, and Python web applications, delivering optimal functionality and user experience.
- Collaborated with cross-functional teams to design new features, improving existing applications reducing paperwork by 25%.
- Assisted in digital marketing campaigns, leveraging social media, email marketing, and data analysis to target audiences and enhance campaign effectiveness increasing customer use.

EDUCATION

Bachelor of Computing, Computer Science (Co-op)
University of Guelph | Guelph, ON

Sept 2022 - Present
- GPA: 88%
- Excellent Standing, Dean's List Honour Roll
- Relevant Courses: Data Structures , Object Oriented Programming, Compilers
- Potential minor in Project Management
- Many projects in C and Java, using data structures sod object-oriented programming

Key Academic Projects:

- EmployeesLink (2023) - Efficiently extract data from text/binary files and manage employees using complex linked list structures with the use of Linux command line terminal in C using dynamic memory allocation

UNIVERSITY of GUELPH

UNIVERSITY OF GUELPH HUMBER

UNOFFICIAL TRANSCRIPT
ID: 1232181   NAME: Soomal, Harkirat Singh

Current Program:
Bachelor of Computing, Honours
Co-op Major Computer Science

Course/Section		Title	Grade	Credit	Term
CIS1300	0104	Programming	086	0.50	F22
CIS1910	0102	Discrete Structures in Comp I	095	0.50	F22
FRHD1100	DE01	Life: Health and Well-Being	086	0.50	F22
MATH1200	0101	Calculus I	074	0.50	F22
NUTR1010	DE01	Introduction to Nutrition	090	0.50	F22
CIS1050	DE01	Web Design & Development	099	0.50	W23
CIS2500	0207	Intermediate Programming	093	0.50	W23
CIS2910	0103	Discrete Structures in Comp II	079	0.50	W23
FRHD1010	DE01	Human Development	098	0.50	W23
MATH1160	01	Linear Algebra I	080	0.50	W23
COOP1100	EL02	Introduction to Coop Education	CIP		S23
FRHD1020	DE01	Couple & Family Relationships	CIP		S23
CIS2030	0108	Structure/Applicat - Microcomp	CIP		F23
CIS2430	0203	Object Oriented Programming	CIP		F23
CIS2520	0205	Data Structures	CIP		F23
FRHD2100	DE01	Development of Human Sexuality	CIP		F23
HROB2010	DE01	Foundations of Leadership	CIP		F23

Credits Completed at the Undergraduate level:

Total Credits Completed: 5.00
Cumulative Grade Points: 440
Cumulative GPA: 88.000

End of unofficial record.