

HARKIRAT SOOMAL

COMPUTER SCIENCE CO-OP STUDENT AT THE UNIVERSITY OF GUELPH

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SKILLS

Languages

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

Frameworks and Libraries

- Django, Spring, Node.js, React.js

Tools and OS

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

PERSONAL PROJECTS

KNIGHTS GAMBIT (2023)

- Created advanced Java-based Chess Game using advanced OOP techniques for immersive gaming.

CALORIE CANVAS (2023)

- Developed a visually appealing Python-based calorie tracker, utilizing data visualization techniques for enhanced nutritional analysis and informed decision-making..

QUIZ QUEST (2023)

- Built a dynamic JavaScript quiz app with HTML/CSS, providing interactive quiz questions and real-time feedback for an engaging user experience.

EXTRACURRICULARS

Hack Club Leader

Harold M. Brathwaite SS

Sept 2021 - May 2022

- Led and organized club events/meets for the club
- Aided students prepare for coding competitions and hackathons

EXPERIENCE

Junior Fullstack Developer | Silk & Snow | Toronto, ON

May 2023 - Present

- Developed elegant and efficient full-stack web applications using languages such as JavaScript, and PHP 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 and implement new features, improving existing applications.
- Assisted in digital marketing campaigns, leveraging social media, email marketing, and data analysis to target audiences and enhance campaign effectiveness.

Coding Instructor | CodeNinjas | Brampton, ON

Jun 2022 - Sept 2022

- Taught coding fundamentals and programming languages such as JavaScript, Lua, C# and Python to students aged 7-14.
- Developed individualized lesson plans and activities to cater to student's unique learning styles and abilities.
- Fostered a positive and encouraging learning environment, inspiring students to develop their problem-solving and critical-thinking skills

EDUCATION

Bachelor of Computing, Computer Science (Co-op)

University of Guelph | Guelph, ON

Sept 2022 - Present

- Excellent Standing, Dean's List
- GPA: 88%
- Potential Minor in Statistics
- Many projects in C and Java, using data structures and object-oriented programming

Key Academic Projects:

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