

SAVILL KHEMRAJ

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GitHub: <https://github.com/savillK>

Skills

Technical Skills

- Thorough knowledge of C, gained through the completion of projects and assignments that developed and enhanced these skills
- Completed a university course covering Java, also gaining an understanding of OOP
- Experimental level knowledge of JavaScript/Node.js along with AJAX, JSON, jQuery, as well as MySQL
- 40+ hours of experience with HTML/CSS, producing both static and dynamic small webpages
- Developmental knowledge of Python, primarily focused on basics
- Beginner in iOS app development, minor practice with Swift and Xcode
- Comprehensive understanding of Microsoft Office obtained through years of experience
- Other Technologies: MATLAB, Assembly (M68000)
- Operating Systems: MacOS, iOS, Linux, Windows

Applicable Skills

- Well-developed testing skills, being able to quickly find and correct bugs
- Exceptional in mathematics, excelling in courses at high school and university level
- Strong work ethic, committed to producing the best possible result
- Well versed in algorithm analysis and design, attributed from related university courses

Education

Bachelor of Computing, Honours Computer Science (Co-op)

2016-Present

University of Guelph, Guelph, Ontario

- College of Engineering and Physical Sciences Dean's Scholarship 2017
- CEPS Dean's Honours List F17, W17, F16
- Cumulative weighted GPA of 4.0
- Completed 9.75 credits, including Discrete Structures in Computing I and II, Data Structures, Object Oriented Programming, Analysis and Design of Algorithms, OS, and Software System Development and Integration
- University of Guelph Entrance Scholarship for admission average of above 90%

Ontario Secondary School Diploma

2016

Our Lady of the Lake CCS, Keswick, Ontario

- Six Honour Roll Awards for maintaining an average of above 80%
- Ontario Scholar award earned in Grade 12
- Subject award for highest average in Grade 12 Advanced Functions
- Grade 11 Introduction to Financial Accounting award for achieving highest overall grade in the course

Volunteer Experience & Extra Curricular

Relay for Life, Our Lady of the Lake CCS, Keswick, Ontario 2015

- Participated and assisted in coordinating Relay for Life in the eleventh grade
- Multi-tasked between taking part in the relay, and being readily available for assistance when needed, even during rain storm, and applied problem solving skills as the weather got worse
- Oversaw activities and managed students to ensure everyone's safety during the event, constructed tents and arranged stations in the morning for administrators to ensure a smooth and enjoyable experience for everyone

Student Council Member, Our Lady of the Lake CCS, Keswick, Ontario 2014-2015

- Engaged in weekly meetings to share ideas and organize events, thereby enhancing communication skills
- Collaborated with peers to improve student life by increasing the moral of hundreds of students, and while doing so received knowledge on how to work together to produce the best result

Children Supervisor, Georgina Public Library, Keswick, Ontario 2013

- Monitored 15+ children, created welcoming environment, and organized activities, honing in on useful compartmentalization and organization skills
- Collaborated with other volunteers on a weekly basis to provide the best experience for the children, and gained valuable interpersonal skills in the process
- Engaged with and assisted children and parents, efficiently reorganized all items in minimal time, and received thanks for being helpful and approachable

Academic Projects

GitHub

- I have projects that I have completed at university available on my GitHub. However, due to university policies, the repository is currently private. If you wish to view this work, I can add you as a contributor. Link: <https://github.com/savillK>

Summary

- I have created an investment portfolio in Java, multiple projects relating to different data structures in C, the backend of a contact book app, multiple combinatorial problems, etc.
- Developed a GEDCOM web app in which GEDCOM files are parsed and organized in C for the backend, HTML, CSS, and jQuery were used in the frontend, and JavaScript was used to bind the frontend to the backend, involving AJAX and JSON. The necessary data needed for operations was managed using MySQL