

# David Gilbert

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Education	<b>Bachelor of Science: Software Engineering Major, McGill University</b>	(2016 – 2019)
Skills/Interest	<b>Programming Skills</b>	
	<u>Languages:</u> Java, C++, C#, C, Python, OCaml, Bash,	
	<u>Web Development:</u> Html, CSS, JavaScript, jQuery, Bootstrap	
	<u>Databases:</u> PostgreSQL, DB2, Pig Latin, Cypher	
	<b>Languages</b>	
	English: Fluent French: Native Language Spanish: Basic	
Experience	<b>Lifeguard, Receptionist, Coach for SODEM Sport Center</b>	(May 2012 – Current)
	<ul style="list-style-type: none"><li>Learned to manage time efficiently and tea dynamics</li><li>Data collection optimization to create and manage customers database</li></ul>	
Projects	<b>Olympic Games Database Project, PostgreSQL, Python</b>	(Winter 2018)
	<ul style="list-style-type: none"><li>In a team of 4, defined entity sets/relationships for an Olympic Games database (ER diagrams)</li><li>Defined queries allowing to update # medals for players and their countries when a match is won.</li><li>Made a GUI in Python with radio buttons based on the embedded SQL queries:<ul style="list-style-type: none"><li>✓ Add players to the database</li><li>✓ Update the medal count for players and countries depending on the match rankings</li></ul></li></ul>	
	<b>Microsoft Desktop Application in Visual Basic .NET</b>	
	<ul style="list-style-type: none"><li>Manipulation of user input for everyday requirements</li><li>Includes mouse auto clicker, mouse click holder, various mathematics helpers</li><li>Application compatible with any opened active window</li></ul>	
	<b>Multiplayer Game on a Single Computer in Unity C#</b>	
	<ul style="list-style-type: none"><li>Battle Royal tank game, 3D animation, OOP based program</li><li>Strict software design patterns application</li></ul>	
	<b>Flash Point Board Game Using Java Lib GDX: In Progress</b>	
	<ul style="list-style-type: none"><li>Translating a board game to online application</li><li>Full domain modelling, structural requirements</li></ul>	
	<b>Kattis Programming Challenge in C++/Java/Python (<a href="http://open.kattis.com/users/david-gilbert">open.kattis.com/users/david-gilbert</a>)</b>	
	<ul style="list-style-type: none"><li>Various algorithm implementation and problem solving in a competitive context</li><li>Ranked 1<sup>st</sup> place in COMP321 final contest working in a team of 3</li></ul>	
Interests	<b>Events</b>	
	<ul style="list-style-type: none"><li>ImplementAi, McHack, Hackatown</li></ul>	
	<b>Clubs</b>	
	<ul style="list-style-type: none"><li>VP Tech for McGill's Anime Club: Web Site Management with WordPress</li><li>Member of McGill's Computer Task Force: Maintaining Website (TEPID McGill)</li></ul>	
	<b>Activities</b>	
	<ul style="list-style-type: none"><li>Rock Climbing, Hiking, Swimming, Reading</li></ul>	