

# Minhal Shanjer

2B Computer Science  
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SKILLS	<b>Proficient:</b> C/C++, Python, JavaScript <b>Mastering:</b> SQL, MongoDB, Angular, Node, Express, Ruby, Rails, Java <b>Other:</b> Git, Unix Tools, Bash, Arduino, Data Analysis with Python	
EXPERIENCE	<b>Bronte College Full Stack Developer</b>	Jan – Apr 2019
	<ul style="list-style-type: none"><li>• Integrated the Microsoft Graph API with a local Rails web application.</li><li>• Retrieved 3+ years of Microsoft calendar data by developing an asynchronous scraper that smartly detects and creates local copies of specific events using regular expressions.</li><li>• Developed an employee profile dashboard page allowing the company to migrate from a paper-based solution to a faster and simpler technological solution.</li><li>• Overhauled the UI design of the web application and made it scalable with mobile devices.</li></ul>	
PROJECTS	<b>Cover Letter Website – MEAN Stack</b>	Apr 2019
	<ul style="list-style-type: none"><li>• Developed an Angular based single page application that allows you to submit and save fluctuating data in cover letters such as company name, address, etc.</li><li>• Implemented a REST API using Node + Express, with MongoDB to structure and store data.</li><li>• Utilized PDFMake library to generate PDF documents by combining the data collected by the user with a pre-existing cover letter template.</li></ul>	
	<b>Euchre – C++</b>	Dec 2018
	<ul style="list-style-type: none"><li>• Designed a euchre game using a strict MVC design pattern while following an agile workflow.</li><li>• Utilized the concept of polymorphism to design two types of players – Humans and AIs.</li><li>• Optimized the AI to make intelligent decisions based on the cards in hand and cards played.</li><li>• Optimized memory usage by implementing smart pointers to seal all memory leaks.</li></ul>	
	<b>Portfolio Website – Ruby on Rails</b>	Sept 2018
	<ul style="list-style-type: none"><li>• Implemented data models, website routing, administrator privileges, data validations.</li><li>• Implemented a mailing list system to update subscribers about new projects.</li><li>• Expanded HTML/CSS/JavaScript skills to customize the web-design to personal satisfaction.</li></ul>	
EDUCATION	<b>University of Waterloo, Bachelor of Computer Science</b>	Sept 2017 – Apr 2022
	<ul style="list-style-type: none"><li>• <b>Relevant Courses:</b> Object-Oriented Software Development, Elementary Algorithm Design and Data Abstraction, Designing Functional Programs, Logic and Computation</li><li>• <b>Udemy Courses:</b> Dissecting Ruby on Rails 5, Advanced JavaScript Concepts, Angular 7 – The Complete Guide, Node.js: The Complete Guide to Build RESTful APIs</li></ul>	
VOLUNTEER	<b>Bronte College – Club Leader for the Coding Club</b>	Feb 2019 – Apr 2019
	<ul style="list-style-type: none"><li>• Designed a small course plan to teach students programming concepts in Python.</li><li>• Solved coding challenges with students to illustrate how to deconstruct coding problems.</li></ul>	
	<b>Bluevale Collegiate Institute – Peer Tutor</b>	Oct 2014 – Jan 2017
	<ul style="list-style-type: none"><li>• Assisted students in physics, mathematics and chemistry in one-on-one sessions.</li></ul>	
	<b>Electric Car Club – Member</b>	Sep 2015 – May 2016
	<ul style="list-style-type: none"><li>• Co-designed an ergonomic electric car with design considerations to optimize speed.</li><li>• Created multiple prototypes to demonstrate the car designs proposed.</li></ul>	