Education

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| **Internet Applications & Web Development, Algonquin College, Ottawa ON** | Sep. 2020 – Jan. 2023 |

* GPA: 3.82 / 4.0

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| **Bachelor of Health Sciences, Honors, University of Ottawa, Ottawa ON** | Sep. 2015 – Apr. 2019 |

Work Experience

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| **Software Developer Co-op, i-Sight, Ottawa ON** | Jan. 2022 – Aug. 2022 |

* Refactored dozens of JavaScript files from ES5 to ES6 before pushing changes to GitHub, requesting for review through Slack, updating the changelog, and merging approved PRs into the main branch
* Updated a word template with auto-filled variables outputting relevant app data, restricting access to blacklisted variables, converting JSON to readable word format, and creating tests with Node.JS assert
* Developed a deprecated warning page for IE app users on refresh using Express.JS middleware and routing, designing a Dust.JS template based on Jira requirements, and testing output in VM VirtualBox
* Fixed tickets by setting default form values with Backbone.JS and revising system emails with NodeMailer
* Modified a sample application by adding a case entity and form with Node.JS, updating form values on save and delete in the database with Seneca.JS and Knex.JS callbacks, adding a new user, and setting ACL

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| **WordPress Developer, SmarTally, Ottawa ON** | July 2021 – Aug. 2021 |

* Replaced expensive premium plugins with free plugins such as Essential Addons for Elementor, WP Optimize, and WP forms, saving over $200 of yearly costs while maintaining site functionality
* Updated web pages using custom HTML, CSS, and PHP for custom features as instructed by the client

Projects

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| **Portfolio Website (HTML, CSS, JavaScript, PHP, GraphQL)** | May 2021 – Present |

* Developed a contact form in PHP, used AJAX techniques to prevent page reloading, and tested mail submissions through a mail server on localhost using XAMPP and ToolHeap to ensure form functionality
* Executed GraphQL queries to access Hashnode API blog posts, resulting in a self-updating personal blog
* Incorporated CSS flexbox, media queries, prefixes, and relative units, and used Chrome Dev Tools to ensure site responsiveness and cross-browser compatibility by order of Chrome, Firefox, and Edge
* Hosted a virtual server on DigitalOcean, transferred local files via SSH by using Linux commands, and served web pages through NGINX to deploy code with high performance and scalability

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| **Social Media Web App (MongoDB, Express.JS, React.JS, Node.JS)** | May 2021 – Jan. 2022 |

* Created a REST API through CRUD commands in Node.JS and access to a private MongoDB Cloud Database Cluster, and used HTTP request methods in JSON format on Postman to test API functionality
* Configured a proxy for backend API calls to MongoDB Cloud and used React.JS, JSX, and CSS for the frontend, leading to an interactive UI with up-to-date user information

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| **Social Media Website (PHP, SQL, CSS, JS)** | Oct. 2021 – Dec. 2021 |

* Implemented Bootstrap for the frontend to efficiently create a responsive site with a modern design
* Created a MySQL database and PHP session to implement functional login and logout pages

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| **Course Registration Application (C#)** | Feb. 2021 – Apr. 2021 |

* Tested input using IIS Express and implemented ASP.NET validation controls to ensure valid user input
* Incorporated ASP.NET web controls and session objects to save session-long student registration data
* Implemented derived sub-classes inheriting from a base student class in C# to differentiate between student types, allowing for class-based restrictions on the maximum number of courses when registering

Skills

**Languages:** JavaScript (Node.JS), C#, SQL, PHP, Python, Java, C++, HTML, CSS

**Frameworks & Libraries:** Bootstrap, jQuery, React.js, Express.js, Seneca.js, Backbone.js, .NET, Asp.Net MVC