ALEX CHANG

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ABOUT ME

I am a recent graduate from the Webmaster Program at the Seneca College of Applied Arts and Technology, and I am currently seeking opportunities to further develop my skills as a web developer.

I have a keen interest in web design, and enjoy learning about the latest web technologies. In particular, I am most interested in topics such as typography, UX/UI, and modern web technologies/frameworks. I have a strong grasp of project management fundamentals, as well as responsive web design and accessibility.

EDUCATION

2017 - 2017 **Seneca College of Applied Arts and Technology - Webmaster Certificate**

Studied and completed projects using technologies such as: HTML5, CSS3, SASS, JavaScript, jQuery, PHP, WordPress, GitHub, Bootstrap, Materialize.CSS, and Electron.

2010 - 2014 **University of Waterloo - Honours Bachelor of Environmental Studies**

Specialization in Geography and Environmental Management. Acquired Japanese II (Advanced) Certificate.

EXPERIENCE

2017 - 2017 **Charlene Johnson Translations**

Conducted research, benchmarking, and analysis to provide client with context for website design. Produced project management documentation and provided mockups to client. Coded website design using HTML5, CSS3, Materialize.CSS, and jQuery. Implemented AJAX functionality. User tested and validated code. Uploaded finalized design to client's domain through FTP.

PROJECTS

HTML5 Canvas Game

A simple movement-based game coded in HTML5 and Javascript. Movement is handled by the arrow keys, and basic collision detection is implemented.

Random Number Game

A game written using HTML5 Canvas. Two numbers are shown to the player, who then must determine which of the numbers are greater; their selection is made by using the left or right arrow key. Results are tracked and displayed in an accompanying chart, provided by Chart.JS.

PHP Creature Generator

A creature generator written primarily in PHP and jQuery. The user is presented with a simple form to complete. Depending on the input, the user is then presented with a randomly generated result, which is derived from an array of stored values. Visual JS form validations, PHP form validations, string manipulation, and sanitization are used.

Web Browsers Electron Application

A desktop application providing a brief overview of modern web browsers. written using HTML5, CSS3, SASS, Bootstrap, Javascript, jQuery, and Electron. Content is loaded using AJAX and displayed using JS transitions. Application metadata and window behaviour is handled by custom JSON and JS files.

SKILLS

HTML5	●●●●	jQuery	●●○○	Bootstrap	●●●○
CSS3	●●●○	PHP	●○○○	GitHub	●●●○
Javascript	●●○○	SASS/SCSS	●●○○	Photoshop	●●○○