

ANNIE KWAN

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Portfolio: akwanmtl.github.io/portfolio/

SUMMARY

Full Stack Web Developer with a vast experience in customer support and troubleshooting. Earned a certificate in Full Stack Web Development from the University of Toronto Coding BootCamp. Always focused on developing a user friendly interface. Previously designed and conducted quality assurance on an easy-to-navigate application for medical professionals. Efficient when working independently, and a reliable and communicative team member.

TECHNICAL SKILLS

Languages: HTML5, CSS3, Javascript ES6+, Python

Applications: Github, Matlab

Tools: Express, Node, jQuery, Bootstrap

PROJECTS

Novelty | github.com/akwanmtl/Novelty | <https://novelty.herokuapp.com>

- Summary: Online community for book lovers. Users can track their reading list and get book recommendations based on users' literary preference and the Novelty community.
- Tools: NodeJS, Express, Sequelize, MCV, API, HTML, CSS, JavaScript, Handlebars,

From Scratch | github.com/akwanmtl/From-Scratch | akwanmtl.github.io/from-scratch/

- Summary: Online recipe box that tracks user progression in their cooking endeavours.
- Role: Develop the functionality of the application so that the user experience is easy to navigate and interactive
- Tools: HTML, CSS, JavaScript, Semantic UI, jQuery, Font Awesome, API

Weather Dashboard | github.com/akwanmtl/Weather-Dashboard | akwanmtl.github.io/Weather-Dashboard/

- Summary: Weather application that shows the user the city's current weather and 5-day forecast.
- Role: Sole author
- Tools: HTML, CSS, JavaScript, Bootstrap, jQuery, API

Coding Challenge | github.com/akwanmtl/Coding-Quiz-Challenge | akwanmtl.github.io/Coding-Quiz-Challenge/

- Summary: Online quiz with coding-related questions that has a timer and a leaderboard to keep track of highscores.
- Role: Sole author
- Tools: HTML, CSS, JavaScript, Bootstrap

EXPERIENCE

Technical and Clinical Support Engineer Innova Medical

2017-Present
Toronto, Ontario

Provide technical support for medical devices to both English and French customers. Provide clinical training to optometrists and ophthalmologists.

Key Accomplishments:

- Troubleshoot software and hardware issues with an average resolution time of 30 min.
- Assisted sales representatives at conferences and remotely to increase sales and build customer satisfaction.
- Performed thorough quality assurance of medical equipment prior to shipment to customers.
- Identified software bugs in detail and communicated with manufacturers to resolve them in future versions.
- Designed UI for new image capture software and conducted QA testing. Added new features when requested.

Teaching Assistant McGill University

2015-2016
Montréal, Québec

Taught a graduate level class on computational neuroscience. Instructed both theoretical and computational concepts.

Key Accomplishments:

- Prepared the Matlab examples and assignments.
- Demonstrated Matlab and Simulink tutorial to the class.
- Provided assistance to students with their assignments.

Research Assistant McGill University

2012-2013
Montréal, Québec

Conducted R&D of enzymatic microbiosensor. Optimized design to detect a D-serine.

Key Accomplishments:

- Efficiently prepared ultramicroelectrodes of high sensitivity.
- Researched and tested multiple methods to deposit the enzyme layer on the microelectrodes to find the best method that produced a consistent layer and high detection.
- Co-first author of a published paper in *Analytical Chemistry*.

EDUCATION

Bootcamp Certificate: University of Toronto, Toronto, Ontario

A 24-week intensive program focused on gaining technical programming skills in HTML5, CSS3, Javascript, JQuery, Bootstrap, Firebase, Node Js, MySQL, MongoDB, Express, Handelbars.js & ReactJS.

Masters of Engineering, Biomedical Engineering: McGill University, Montréal, Québec

Thesis project: Galvanic Vestibular Stimulation in Primates: Recording Vestibular Afferents during Transmastoid Stimulation. Collaborated with lab members in various experiments and analysis. Programmed custom written MATLAB codes to efficiently analyze the data. Results have been published in multiple scientific articles.

Bachelor of Science, Neuroscience: McGill University, Montréal, Québec