
Phone: (647) 966-5289 | Email: kemcclen@gmail.com | Toronto, ON
LinkedIn: [/katharine-mcclenaghan](https://www.linkedin.com/in/katharine-mcclenaghan) | Portfolio: <https://kemcclen.github.io/KM-Portfolio/> | GitHub: [/kemcclen](https://github.com/kemcclen)

SOFTWARE ENGINEER | EDUCATOR

PROFESSIONAL SUMMARY

Full stack web developer leveraging background in education, particularly in special needs, to bring a fresh and diverse skill set to the field. Enthusiastic about merging a passion for technology with educational expertise. Using transferable skills from working in education, such as strong problem-solving abilities, taking an empathetic approach and teamwork. Thriving in collaborative environments, and dedicated to seeing projects through from ideation to execution.

TECHNICAL SKILLS

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|------------------|-------------|-------------|------------|-------------------------|
| • HTML 5 | • Bootstrap | • SQL | • MongoDB | • REST |
| • CSS3 | • Handlers | • MySQL | • Mongoose | • Git |
| • JavaScript E6+ | • React | • Sequelize | • GraphQL | • Responsive Design |
| • jQuery | • Node | • NoSQL | • APIs | • Accessible Web Design |
| • Express | • Python | • Flask | • Jinja | • Ruby on Rails |

PROJECTS

Cadence | <https://github.com/kemcclen/Cadence> | <https://cadence-music-8f49c24828dd.herokuapp.com/>

- Summary: Full stack, downloadable AI powered playlist creator.
- Role: Full-stack developer
- Tools: React, GraphQL, MongoDB, Mongoose, JWT and PWA Authentication, APIs, Heroku

TechNet | <https://github.com/kemcclen/TechNet> | <https://technet-0016a9aebc4f.herokuapp.com/>

- Summary: Full-stack web application that allows users to create and comment on blog posts.
- Role: Full-stack developer
- Tools: HTML, CSS, JavaScript, Express, RESTful API, Handlebars, MySQL, Sequelize, Heroku

TastyBytes | <https://github.com/kemcclen/TastyBytes> | <https://tastybyts-1e5618d2a801.herokuapp.com/>

- Summary: Full-stack web application that allows users to share recipes with other users online.
- Role: Full-stack developer
- Tools: HTML, CSS, JavaScript, Express, RESTful API, Handlebars, MySQL, Sequelize, Heroku

Star Signs | <https://github.com/kemcclen/StarSigns> | <https://kemcclen.github.io/StarSigns/>

- Summary: An application that combines astrology and astronomy
- Role: Front end developer
- Tools: HTML, CSS, JavaScript, Bootstrap, GoogleFonts, APIs

EDUCATION

UNIVERSITY OF TORONTO <i>CODING BOOTCAMP</i> Learned a market-driven full-stack curriculum	Toronto, ON 2023
LAKEHEAD UNIVERSITY <i>BACHELOR OF EDUCATION</i> Creating engaging learning environments and applying effective teaching methodologies	Orillia, ON 2016
LAKEHEAD UNIVERSITY <i>HONOURS BACHELOR OF ARTS AND SCIENCE</i> Specialization in Geography and Sociology	Orillia, ON 2016

EXPERIENCE

TORONTO DISTRICT SCHOOL BOARD Education <i>Elementary School Teacher</i>	Toronto, ON 2019-Present
<ul style="list-style-type: none">• Instructed diverse student populations across grades 1-6, with emphasis on STEM and technology integration within the classroom, enhancing students' critical thinking and problem-solving abilities through hands-on experiences and innovative learning tools.• Collaborated closely with colleagues and administrative staff to successfully implement school-wide goals, and school improvement plans, actively participating in the development of strategies, monitoring progress, and employing data-driven assessment techniques to track advancements and ensure the realization of targeted objectives.	
PROFESSIONAL TUTOR Education <i>Tutor</i>	Toronto, ON 2019-Present
<ul style="list-style-type: none">• Expertly delivered tailored math and coding instruction to diverse learners of all ages and abilities, fostering academic growth and nurturing confidence.• Established a thriving tutoring business founded on effective communication, personalized guidance, and diligent progress monitoring, ensuring optimal student development and achievement.	
PROTOCOL EDUCATION Education <i>Elementary School Teacher</i>	London, UK 2016- 2018
<ul style="list-style-type: none">• Seamlessly executed daily supply teaching and long-term teaching roles across various classrooms, adeptly implementing, creating, and adapting lessons to cater to diverse student needs and learning styles, resulting in a consistently conducive learning environment that promoted academic growth.• Collaborated closely with fellow educators as part of a dynamic team, jointly planning and refining lesson plans to ensure optimal student achievement, while actively engaging in constructive discussions and sharing best practices for fostering student success.	

PERSONAL INFORMATION

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- American Sign Language Part I A and B - 2020
 - Trapping Hackers with Honeytokens- GitGuardian- 2023
 - Java for JavaScript Developers - edX - Currently enrolled
 - C# for JavaScript Developers -edX - Currently enrolled

