

# FELICITY BRAMMER

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## Full Stack Developer

Driven, solution-oriented and team-focused. Background in Mathematics Education.  
Strong communicator with a passion for optimization and efficiency.  
Recent graduate of University of Toronto Web Development Coding Bootcamp.

### TECHNICAL SKILLS

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- JavaScript, Node.js, SQL, Express, MongoDB, GraphQL, JSON
- React (with Hooks), AJAX, jQuery, HTML5, CSS3, Bootstrap, Responsive Design
- Agile Development, MERN stack, REST, Object-Oriented Design, Git
- Fan of unit tests, functional programming, ES6
- Open to evolving in: Java, Python and many more

### SOME RECENT PROJECTS

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#### OkCreature - Team Project (Feb 2022)

- Description: A personalized matching app for pets and potential adopters. Users can take a quiz to match them with pets from the database based on lifestyle, household, preferences or ability to provide care.
- Built with: React, MongoDB, GraphQL, Node.js, Apollo, Express, JavaScript
- Successes: One of my best team experiences! We executed a well-planned project using Agile methodologies and with frequent communication. My role was to build and test the back-end functionality, to create JWT authentication on the server and client-side, and to integrate state management with React hooks.
- Further Development: Creating a matching algorithm with JavaScript proved to be quite challenging and my next steps will be to improve the scalability and efficiency of this project.

Link to Deployed App: <https://okcreature.herokuapp.com>

Link to GitHub Repo: <https://github.com/felicitybrammer/pet-matcher>

#### Train to the Beat - Team Project (Oct 2021)

- Description: A front-end music search tool that allows tracks to be filtered by tempo and genre to create playlists that are tailored to a user's specific training
- Built with: JavaScript, Bootstrap, CSS, HTML5
- Successes: I was instrumental in creating the design and concept of this app. I was able to maintain team cohesion despite challenging friction among members through listening, quick decision-making and flexibility.
- Further Development: This app would benefit from incorporating a music player and user authentication.

Link to Deployed App: <https://ScalexanderB.github.io/activity-music>

Link to GitHub Repo: <https://github.com/felicitybrammer/activity-music>

## WORK EXPERIENCE

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**Yukon Government** - Whitehorse, Yukon (Sept 2016 - Dec 2021)

STEM TEACHER - Porter Creek Secondary School - Mathematics, Physics, Science

- Took a dynamic and creative approach to personalized learning and incorporation of technology and logic skills into curricula that resulted in increased levels of student engagement
- Independently developed a robust and adaptable record-keeping system to maintain sensitive records that streamlined my reporting timelines
- Facilitated discussion among my team to develop new materials and practices, mentored student teachers
- Leader in the Gender and Sexuality Alliance where I developed a program of support and guidance for lgbt2qs+ students.

**British Columbia School District 43** - Coquitlam, BC (Jan 2012 - June 2016)

MATHEMATICS/SCIENCE TEACHER - Various Schools - Contract and On-Call

- Developed a successful mathematics curriculum plan for and was able to demonstrably increase student engagement, attendance and performance on a six-month contract job
- Demonstrated flexibility, professionalism and a willingness to “jump in” to support the team

## EDUCATION

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|-------------------------------------|---|
| • <b>University of Toronto</b>      | Web Development Coding Bootcamp, Certificate    |
| • <b>Thompson Rivers University</b> | Bachelor of Computing Science (In Progress)     |
| • <b>University of Leeds</b>        | Mathematics Education, Postgraduate Certificate |
| • <b>University of Bristol</b>      | BSc (Honors), Physics and Mathematics           |

## OTHER PERKS

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- Good technical writer and public speaker
- Solid project management skills
- Knowledge of algorithms and data structures
- Speaks intermediate-level French and basic German
- Willing to relocate