FELICITY BRAMMER
FULL STACK DEVELOPER

CONTACT

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PORTFOLIO SITE:
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EDUCATION

Web Development Coding Bootcamp Certificate

University of Toronto

(Final Grade: 99%)

BSc (Honours) Physics and Mathematics

University of Bristol

SKILLS

JavaScript	CSS & HTML
React	jQuery
TypeScript	AJAX
RESTful APIs	Bootstrap
Java	Node.js
SQL	MongoDB
Express	GraphQL
Testing	Spring Boot
C#	.NET

Data Structures & Algorithms
Agile Methodologies

PROJECTS

OkCreature
A personalized matching app for pets and potential adopters.
React, MongoDb, GraphQL, Node.js, Apollo, Express, JS
My role was to build and test the back-end GraphQL functionality, to create JWT authentication on the server and client-side, and to integrate state management with React hooks.

Live Link: https://okcreature.herokuapp.com
GitHub Repo: https://github.com/felicitybrammer/pet-matcher

My Social
A full stack RESTful social media API
MySQL, Express, JS, Sequelize, Handlebars.js, Node.js, Bootstrap
I was instrumental in building server-side models, routes and database schemas, and in connecting front and back end through handlebars templates. I was able to maintain team cohesion despite challenging friction among members through encouraging communication, decision making and flexibility.

Live Link: https://polarsands-74505.herokuapp.com/login
GitHub Repo: https://github.com/felicitybrammer/my-social

WORK EXPERIENCE

2U (EdX) - Remote (May 2022 - Present)
INSTRUCTIONAL SPECIALIST - University of Toronto Web Development Coding Bootcamps

· Delivery of a rapidly evolving online curriculum, based on industry-standard Web Development frameworks and practices including JavaScript, React, Node.js, MySQL, GraphQL, MongoDB
· Guiding adult learners through code review, tutorials and live troubleshooting
· Assessment and evaluation of project applications developed and pitched by student teams

Yukon Government - Whitehorse, Yukon (2016 - 2021)
STEM TEACHER - Mathematics, Physics, Science

· Developed personalized learning and incorporation of tech and logic skills into curricula that resulted in increased levels of student engagement
· Independently developed a robust record-keeping system to maintain sensitive records, streamline reporting timelines
· Created workshops to demo STEM activities like skatepark design, bridge building, rocket launches, game development and geometric art that directly resulted in an increase in registration for senior STEM classes by female identifying students.