

SARAH STONE

Web Developer

EXPERIENCE

Studio Coordinator

Target Marketing & Communications

Sept 2022 – Present St. John's, NL

- Developing digital display ads in Google Web Designer using tools such as Sketch and Figma
- Maintaining websites using Sitecore and WordPress, and developing AWS Lambda functions with JavaScript and Node.js

Research Assistant

MUN Department of Mathematics

May 2021 – June 2022 St. John's, NL

- Collaborated with the lead researcher to allocate responsibilities
- Modified and refined the Python functions used to solve partial differential equations with numerical techniques
- Analyzed and compiled research data to create engaging representative graphs highlighting results for publication
- Typed the manuscript and tables in LaTeX for publication

EDUCATION

UNB Coding Bootcamp

University of New Brunswick

April 2023 – Oct 2023 Online

- GPA: A
- Topics covered: HTML, CSS, JavaScript, APIs, Node.js, Express.js, SQL, MVC, NoSQL, PWAs, React

Bachelor of Science (Honours) - Applied Math and Physics

Memorial University of Newfoundland

2016 – 2021 St. John's, NL

- GPA: 3.95
- Faculty of Science Dean's List 2016 – 2020
- Honours Thesis: Derivation of numerical and analytical energy spectra from solutions to the Fokker-Planck transport equation

PUBLICATIONS

- Analysis of Radiation Belt "Killer" Electron Energy Spectra (D. Summers and S. Stone), *Journal of Geophysical Research: Space Physics*, 2022 (Undergoing production – not yet available).

CONTACT

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STRENGTHS

Critical-thinking

Problem-solving

Adaptable

Attentive & Organized

Research & Scientific Writing

Programming & Development

Modelling & Analysis

AWS Lambda Functions

SOFTWARE & TOOLS

VS Code

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Jupyter Notebook

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Overleaf

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Google Colaboratory

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Microsoft Excel

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Figma

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COMPUTER LANGUAGES

HTML & CSS

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LaTeX

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Python

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JavaScript

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