

Colby Acton

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Skills

- Visual C#.NET Java SE (java Ant, Maden, JavaFx)
- Web Development including (HTML, AJAX, JQuery, JavaScript, PHP, and Bootstrap)
- Database Design using MYSQL, Microsoft SQL Server Management, PHPadmin
- Quality Assurance Testing using Selenium
- Business fundamentals and Entrepreneurship Ideology
- Object-Oriented Analysis and Design Fundamentals
- Basic Project Management essentials such as Agile method and Waterfall method
- Data Visualization using Tableau
- Basics of Networking
- Technical Writing Skills
- Quick Learner
- Charismatic
- Problem Solver
- Adaptable
- Dependable
- Strong Work Ethic

Experience

Laborer, City of Fredericton Parks and Trees & University of New Brunswick 2023 - 2025

- Mowed and trimmed grass
- Operated equipment such as pole saws and brush saws
- Drove one-ton trucks for various tasks
- Developed strong problem-solving skills by adapting to diverse daily tasks
- Gained a sense of responsibility and awareness through working alone
- Engaged frequently with the public, enhancing communication and interpersonal skills
- Worked well and adapted quickly when placed on a team

Web Developer Intern

Spandrel Interactive – Remote

April 28th, 2025 – Present

- Developed and maintained web applications using PHP, enhancing backend functionality and system performance
- Designed and executed MySQL database transactions, ensuring data integrity and optimizing query efficiency
- Utilized **Docker** to manage local development environments
- Connected to remote **AWS** infrastructure to access code and database
- Actively collaborated with my team through regular communication and with the quality assurance team to ensure bug fixes are done timely and efficiently

Volunteer Work

- **Orientation to Community Service (NBCC) –Assisting elderly with technology**

Education

2023-CURRENT

- **INFORMATION TECHNOLOGY: PROGRAMMER ANALYST, NEW BRUNSWICK COMMUNITY COLLAGE**
Graduation: June 2025

2020 - 2021

- **BACHELOR OF SCIENCE AND ENGINEERING, UNIVERSITY OF NEW BRUNSWICK**
1.5 years of the engineering program.

2020

- **TANTRAMAR REGIONAL HIGH SCHOOL**
Academic graduate-June 2020

Projects Experience

- **C# Multi-Form Student Scores Application**

Description: Created a C# Windows Forms application to manage a list of student scores. The project involved multiple forms, including one for adding new students and their scores, and another for updating existing student information.

Key Features:

- Managed student scores using multiple forms
- Implemented multi-form communication
- Applied data validation techniques
- Utilized various classes to manage student data

- **SQL Queries Project**

Description: Practiced writing SQL queries to manage and retrieve data from a database, focusing on selecting, filtering, and sorting data. The project involved adding, updating, and deleting records, as well as joining tables and performing simple calculations.

Key Features:

- Created and executed SQL queries to manipulate database records
- Joined tables to combine data from multiple sources
- Applied sorting, filtering, and calculations for data management
- Gained a strong understanding of database operations and SQL usage

- **Selenium Quality Assurance Project**

Description: Collaborated with two teammates to test a web application for errors using Selenium. Automated tests were created to identify issues, and the team used Git for version control and project management.

Key Features:

- Automated testing with Selenium to locate web application errors
- Collaborated effectively as a team using Git for version control
- Enhanced skills in automated testing, teamwork, and software development practices

- **Portfolio**

Description: Developed a website using React and TailwindCSS to demonstrate my ability to build a website using React. The project involved designing the layout, structuring the content, and styling the site to create a user-friendly experience.

Key Features:

- Website with tabs for projects, contact and a home page
- Links to projects worked on

- **Artolog Final Project**

Description: Collaborated with a team to develop an art website using PHP Laravel. We followed an agile approach with sprints and worked closely with business analysts, who provided documentation and requirements. Below are the key features I worked on:

Key Features:

- Developed the bulk artwork upload system, allowing users to upload multiple images with metadata via a CSV file.
- Designed and implemented the UI for the artwork upload page to ensure a user-friendly experience.

My Portfolio:

- <https://cacton12.github.io/Portfolio/>