

Ashton Franklin

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EDUCATION

The University Of Western Ontario

B.Sc. in Computer Science

London, ON

May 2026

EXPERIENCE

Software Developer Intern

Bell Canada

May 2024 – August 2024

London, ON

- Developed, planned, designed, and tested a new product end-to-end, for the company
- Leveraged data science techniques and Python to clean, filter, and analyze large datasets, delivering actionable insights to enhance decision-making processes
- Contributed to the development of automated workflows, reducing manual effort and increasing operational efficiency
- Collaborated in an Agile environment, participating in sprint planning, daily stand-ups, and retrospectives to ensure continuous improvement
- Utilized tools like Jupyter Notebook, pandas, NumPy, and Matplotlib to create data visualizations and reports, facilitating clear communication of results to stakeholders

PROJECTS

Web-Based Sketch Pad | *JavaScript, HTML, CSS*

August 2023

- Designed and developed an interactive sketch pad application with customizable brush sizes, colors, and eraser tools
- Optimized performance for smooth drawing and ensured compatibility across modern web browsers
- Enhanced skills in DOM manipulation and responsive front-end design

Ecobloom Website | *HTML, CSS, JavaScript, Bootstrap*

November 2024

- Developed a one page website for a conceptual business to improve design and development skills related to web development.

Furious Fast | *Java, JavaFX*

April 2024

- Developed an interactive educational math game designed to make learning math enjoyable and engaging for players of all ages
- Implemented dynamic gameplay features, including varying difficulty levels, a real-time scoring system, and immediate feedback for players
- Designed an intuitive graphical interface using JavaFX, incorporating animations and responsive design elements for an immersive user experience
- Optimized the game to deliver smooth performance, scalability for future updates, and support for multiple device resolutions

TECHNICAL SKILLS

Programming Languages: JavaScript, Python, Java, C/C++, SQL (Postgres), R

Frameworks and Libraries: React, Node.js, JUnit, pandas, NumPy, Matplotlib

Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, Microsoft Excel