

Shallon Frances Pawlick-Potts *Software Engineer*

✉ shallon.frances.pawlickpotts@gmail.com ☎ +1 (519)-820-9898 📍 London, Ontario, Canada

🌐 @shallondev ✂ @shallondev in LinkedIn 🖱 <https://shallonfpawlickpotts.netlify.app/>

Detail-oriented software engineer with a background in mathematics and extensive experience in customer service. Deeply interested in AI, with a proven track record of creating and implementing successful front and back-end web applications. Seeking to leverage my skills in a tech company with global reach.

Skills

Python, JavaScript, HTML, CSS | Django, Bootstrap | SQLite, PostgreSQL, MySQL | Git, VS Code
ML, Neural Networks, AI | Statistics, Linear Algebra, Discrete Math

Projects

Full-Stack Web Applications

- Developed 5 comprehensive full-stack applications including an email client, google search front-end, wiki article site, e-commerce auction site, and social network platform.
- Led the end-to-end development of the platforms, including UI/UX design, frontend implementation, backend logic, and database management..
- **Technologies Used:** HTML5, CSS3, SCSS, Bootstrap, Python, Django, CKEditor, JavaScript, React, Git, SQLite3.

Education

Harvard CS50 Alum, *HarvardX*

Sep 2023 – Mar 2024

- **Web Programming:** Designed and implemented six robust web applications using HTML, CSS, Python, SQL, and JavaScript. Employed frameworks like Django, React, SCSS, and Bootstrap for enhanced functionality. Integrated key concepts such as DOM manipulation, APIs, ORM, and fortified security against CSRF attacks. Ensured web accessibility.
- **Artificial Intelligence:** Developed a series of AI systems leveraging Python, encompassing advanced concepts in knowledge engineering, probabilistic inference, machine learning, and neural networks
- **Databases with SQL:** Developed skills relating to querying, relating, designing, writing, optimizing, and scaling databases with SQL.

Major Mathematics, *University of Guelph*

Sep 2019 – Dec 2022 | Guelph, Ontario

- Honours Deans List: College of Engineering and Physical Sciences
- Achieved high academic performance in coursework focusing on mathematics, statistics, and computer science.

Experience

Customer Service Representative,

Aug 2022 – Jun 2023 | Guelph, Ontario

Goodness Me! Natural Food Market

- Utilized product knowledge to provide exceptional customer service by informing customers about specialty products, enhancing their overall shopping experience.