Shallon Frances Pawlick-Potts *Software Engineer*

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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.

🎸 Interests

Online Video Games (Avid Player of League of Legends, Counter-Strike, and Dead by Daylight. Have always loved video games starting with Super Mario 64)