Jane Al-Shihabi

Waterloo, Ontario, Canada | 🌐 jalshihabi.xyz

in LinkedIn   GitHub

✉ jalshiha@uwaterloo.ca   📞 226-899-3825

Education

University of Waterloo   Waterloo, Ontario, Canada
Candidate for BASc, Systems Design Engineering   *Sept 2022 – Apr 2027*
Completed courses include Design, Systems, and Society (SYDE 261) and Data Structures and Algorithms (SYDE 223)

Skills

Design   :   Figma, SolidWorks, Procreate

Languages   :   C++, JavaScript, Java, HTML, CSS, SQL, YAML, Svelte, Turing

Tools   :   VSCode, SSMS, Git, Azure DevOps, Swagger API, IntelliJ, Netlify, Hugo, Docker, Jira

Methodologies   :   Agile methodologies, software testing, trilingual (English, French, and Arabic)

Experience

Software Developer   Jan 2023 – Apr 2023
Brock Solutions   *Kitchener, Ontario, Canada*

- Developed software for a manufacturing execution system (MES) used in an airbag manufacturing facility for **Tesla, Toyota, Ford**, and other major brands in order to streamline production process
- Tasks included developing and optimizing **back-end** of MES using Java and SQL, e.g. SSMS **database** queries in IntelliJ and **front-end** development using JavaScript within the Thingworx framework, all in a **Linux** environment
- Designed and performed regression **test cases** for each assigned task to ensure high quality system performance
- Used **Agile** methodologies in a scrum team with daily stand-ups and sprint planning/overview meetings

Product Manager   Sept 2023 – Dec 2023
Maplesoft   *Waterloo, Ontario, Canada*

- Managed the **conception** of features from beginning to end: defined the problem, identified users, researched solutions and designed a Figma prototype accordingly to **present** to CEO and Director of Product Management. Then collaborated with developers, UI/UX designer, and QA to create final product
- After brainstorming sessions with Director of Product Management, created Figma **prototypes** of various potential feature V1s
- Tracked projects on **Jira** for 2 math education softwares by filing and organizing issues to streamline product updates

Researcher   Sept 2021 - Oct 2021
Region of Waterloo   *Waterloo, Ontario, Canada*

- Conducted **research** over the phone to assess hidden homelessness among the **Arabic-speaking community**
- Carried out instantaneous Arabic to English interpretation while conducting semi-structured **interviews** and used **Excel** to digitally log results, which are used by the Region of Waterloo to improve their community support programs

Projects

Personal website/portfolio   *Netlify, HTML, CSS*   Example Project

- Designed & developed my personal website, which also acts as a portfolio, using **Hugo** and **Netlify** for deployments
- Learned/applied **Git** and IDE skills gained from co-op, **CSS**, **HTML**, YAML, and Svelte, and applied **UI/UX** concepts from Human Factors in Design course to allow for effective website navigation

1st Prize in Beginner Track   *Figma, UX Research*   View Project

- **Prototyped** and **wireframed** an app with a partner for a Hackathon which helps locate the user on the indigenous land of Turtle Island and provides cultural information and news articles about the selected indigenous population
- Learned project collaboration skills and **researched** tutorials and app layouts to create the optimal user experience