

Shahd Khartabil

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TECHNICAL SKILLS AND EXPERIENCE

- **Languages:** Java (OOP), HTML/CSS/JavaScript, PHP, Python, SQL,
 - **Frameworks and Tools:** React, Git, Github, Figma, Jira, JUnit, React Native, Bootstrap
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EXPERIENCE

Software Developer, Bread Lounge (Internship) *Jul 2023 - Sept 2023*

- Collaborated with developers to develop a React Native mobile application for a local bakery to automate the employee cake-ordering process which allows for real-time updates on cake orders between the two cafe locations
 - Designed prototypes and developed major features such as a cake ordering form, storing data in Firebase, and displaying orders on a calendar view for bakers to track and manage
- Skills:** React Native, JavaScript, Firebase, npm, yarn, Figma

Teaching Assistant and Marker, Dalhousie University *Sept 2022 – Dec 2022*

- Instructed students and explained complex concepts in Java such as binary trees, heaps, hashmaps, and binary search algorithms (Course: Data Structures and Algorithms).
 - Marked assignments and lab submissions, and provided feedback and grades for 15-20 students throughout the term.
- Skills:** Java, Object Oriented Programming, Data Structures and Algorithms

Quality Assurance Tester, SimplyCast *Nov 2020 - Mar 2021*

- Conducted extensive testing and revision of company software to ensure alignment with quality standards
 - Communicated effectively with team members to identify software issues, and continuously monitored and inspected softwares to identify potential errors and provide feedback to software developers for adjustment
- Skills:** Git, vim, SQL, SSH, Scrum
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PROJECTS

Chebucto Community Net Society Website, Dalhousie University

- Managed a team of 7 developers in the design and development of an optimized administrative website to assist low-income residents in the Chebucto community
- Refactored the existing code-base to improve website functionality (admin side) and adhered to best practices using PHP, HTML, CSS, and JavaScript
- Planned and completed 10 two-week sprints through Jira, following the Software Development Life Cycle while closely following Agile methodology to deliver quality code to clients and stakeholders

Skills: HTML, CSS, JavaScript, PHP, Agile Methodology, Jira, SQL, PostgreSQL

Website Portfolio, *Personal Project*

- Developed a webpage to showcase my projects and skills through utilizing my knowledge on web development with the use of HTML, CSS and JavaScript
- Followed design principles to develop prototypes and design a responsive and creative UI

Skills: HTML, CSS, JavaScript, Figma, responsive design

Repository: <https://github.com/shahdk33/website-portfolio>

CSCI3691 Course Website, *Dalhousie University*

- Developed and ran Airflow DAGs using Airflow REST API through Docker containers for the course instructor to track the progress of students and teams enrolled in the CSCI3691 course
- Posessed the roles of a Scrum Master, Project Manager, and Product Owner by planning sprint tasks on Azure DevOps, leading daily standup meetings, communicating with the client for review meetings, and delegating tasks to the development team

Skills: Python, Airflow, Docker, Git, GitLab, Agile Methodology, Azure DevOps

Repository: <https://github.com/CSCIX691DAL/CSCIX691-website/tree/main/airflow/dags>

Mi'kmaq Virtual Museum UI/UX Design, *Dalhousie University*

- Designed low and medium-fidelity prototypes, gathered feedback, and refined designs through 3 iterations
- Produced a final medium fidelity prototype on Figma for an interactive and educational virtual museum for casual visitors, teachers, and students to learn about Mi'kmaq culture and history through art
- Led a team of six students by delegating tasks based on skill sets, welcomed ideas, and listened to concerns to improve our team's success

Skills: Figma, UI/UX Design, Agile Methodology

EDUCATION

Bachelor of Applied Computer Science, *Dalhousie University*

Sept 2019 - Apr 2023

4.04 GPA