

Shahd Khartabil (902) 266 2821 | shahdkhartabil2@gmail.com

EDUCATION

Dalhousie University, Bachelor of Applied Computer Science 2019-2023
4.04 GPA

HIGHLIGHTS AND SKILLS

- Determined and self-motivated to deliver quality code
- Well-organized with excellent time management skills to maximize team productivity
- Eager and passionate about learning new programming languages and technologies
- Excellent interpersonal skills with strong verbal and written communication skills
- Able to solve problems, think analytically, and make decisions to drive team success
- Experience with Agile Methodology and collaborating in Scrum based teams

TECHNICAL SKILLS

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|------------------------------|-----------|---------|
| • Java, OOP, Data Structures | • PHP | • Jira |
| • HTML5, CSS3 | • Python | • Git |
| • JavaScript | • ReactJS | • Figma |
| • SQL, MySQL | • Linux | |
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EXPERIENCE

Software Developer, Bread Lounge *Jul 2023 - present*

Developed a React Native Android application for a local cafe to automate their cake-ordering process. 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.

Skills: Figma, JavaScript, React Native, Firebase

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

Facilitated learning by instructing students on complex concepts in Object Oriented Programming in Java such as binary trees, heaps, hashmaps, and binary search algorithms. Marked assignments and lab submissions, and provided feedback and grades for 15-20 students throughout the term.

Skills: Java, Object Oriented Programming, IntelliJ, Data Structures, and Algorithms

Programming Tutor, Self Employed *Dec 2021 – present*

Taught basic and complex programming concepts to 20+ university and high school-level students and customized lessons to meet each student's needs, resulting in an average grade improvement of 20%

Skills: HTML, CSS, JavaScript, PHP, Java, Object Oriented Programming, Data Structures and Algorithms

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

Conducted extensive testing and reviewed software to ensure optimal user experience based on users' needs and communicated effectively with team members to identify software issues

Skills: Git, vim, SQL, SSH

ACADEMIC PROJECTS

Chebucto Community Net Society, Website development *Sept 2022 – Apr 2023*

- Led a team of 7 developers in the design and development of an optimized website to assist low-income residents in the Chebucto community
- Implemented access control functionalities and developed database tables to store user-uploaded files using PostgreSQL
- Refactored the existing code-base to improve website functionality and adhered to best practices using PHP, HTML, CSS, and JavaScript
- Successfully planned and completed 10 two-week sprints through Jira, following the Software Development Life Cycle
- Closely followed Agile methodology to deliver quality code to clients based on requirement priorities.
- **Skills:** HTML, CSS, JavaScript, PHP, Agile Methodology, Jira, SQL, PostgreSQL

Mi'kmaq Virtual Museum, UX/UI Website Design *Sept 2022 – Dec 2022*

- 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, UX/UI Design, Agile Methodology

CSCI3691 Course Website *May 2022 – Aug 2022*

- 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
 - Acted as Scrum Master/Project Manager and Product Owner by planning sprint tasks on Azure DevOps, leading daily standup meetings, and retrospective 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
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CERTIFICATIONS

Supervised Machine Learning, Stanford Online DeepLearning.AI *Jul 2023*

Skills: Python data science, Pandas, NumPy, Machine Learning Algorithms

Advanced Learning Algorithms, Stanford Online DeepLearning.AI *In Progress*

Skills: Python data science, Pandas, NumPy, Machine Learning Algorithms