

Ahmed Al-Naamani

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EDUCATION

Dalhousie University

Halifax, NS

Bachelor of Computer Science, Certificate in Communication Technologies and Cyber Security Sep 2021 – Aug 2025

EXPERIENCE

Faculty of Computer Science Student Volunteer

Sep 2023 – Dec 2023

Dalhousie University

Halifax, NS

- Participated in the planning and execution of various faculty events, including workshops, and orientations.
- Collaborated with fellow student volunteers and faculty members to streamline event logistics
- Welcomed and supported event attendees, emphasizing strong interpersonal communication.

Cast Member

May 2023 – Aug 2023

Cineplex

Halifax, NS

- Developed strong problem-solving and troubleshooting abilities while dealing with real-time challenges
- Gained valuable experience in working collaboratively within a team, fostering effective communication skills.
- Demonstrated exceptional customer service skills by effectively addressing customer inquiries and concerns.
- Efficiently managed multiple tasks, optimizing workflows and reducing wait times.

PROJECTS

CPU Scheduling | *C, Algorithms,*

March 2024

- Developed CPU scheduling algorithms in C, including FCFS, Round Robin, NSJF, and PSJF.
- Designed task management functions, including enqueue and dequeue operations, to optimize process scheduling.
- Implemented dynamic memory and data structures (queues, linked lists) to simulate task scheduling.

Multithreading Sorting | *C, Algorithms, Multithreading*

March 2024

- Developed a multithreaded algorithm in C, utilizing the pthread library to perform sorting of large datasets.
- Implemented quicksort and merge sort algorithms in separate threads to optimize performance.
- Documented the development process and results, highlighting the advantages of multithreaded processing.

Simon Game | *HTML, CSS, JavaScript, jQuery, Git*

March 2024

- Developed an interactive Simon Game using jQuery, enhancing user engagement through dynamic visuals.
- Applied MVC (Model-View-Controller) architecture principles to organize code efficiently, improving scalability.
- Utilized CSS for responsive design, ensuring a seamless gaming experience across different devices and screen sizes.

QuickCash | *Java, FireBase, Figma, SOLID principles, Agile Methodologies, Git*

Jan 2024 - Present

- Collaborating on the development of QuickCash, an Android job search app, adopting Agile methodologies.
- Integrating Firebase for user authentication and real-time data management, enhancing security and efficiency.
- Using Figma for UI/UX design, focusing on seamless navigation between employee and employer dashboards.
- Under active development, aiming to introduce job filtering and personalized recommendations.

ArtByYou | *PHP, MySQL, Bootstrap, phpMyAdmin, HTML, JS, CSS, Git*

July 2023

- Created a responsive Bootstrap website with a mobile-friendly design.
- Utilized PHP to interact with MySQL databases for dynamic content management.
- Managed and maintained databases efficiently with phpMyAdmin for seamless website data operations.

TECHNICAL SKILLS

Languages: Java, Python, C, MySQL, PostgreSQL, JavaScript, HTML/CSS, PHP

Frameworks: Bootstrap, JUnit, GUI, Node.js, React.js, Express.js, JQuery

Developer Tools: Git, VS Code, CLion, IntelliJ, Firebase, Android Studio, PyCharm, WireShark, Postman

AWARDS

Sexton Scholar (Winter 22/23) : Recognized in the Sexton Scholar List for achieving a term GPA of 3.85

Dean's List (multiple semesters): Consistently recognized on the Dean's List for achieving a term GPA of 3.70