

# 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

## TECHNICAL SKILLS

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

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

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

## PROJECTS

### Personal Portfolio | *React.js, Node.js, HTML, CSS, JavaScript, npm*

Mar 2024

- Crafted a responsive website using React.js to display my portfolio and projects effectively.
- Boosted site interactivity with animations using npm libraries like particles.js and typewriter.js.
- Launched the site on a custom domain, implementing best practices for web development and SEO.

### CPU Scheduler | *C, Algorithms,*

Mar 2024

- Formulated and programmed CPU scheduling algorithms in C, focusing on optimization.
- Constructed task management functions to efficiently manage process queues.
- Executed implementations of dynamic memory and data structures to enhance scheduling operations.

### Playfair Cipher Simulation | *Java*

Mar 2024

- Implemented a Playfair cipher simulation in Java, enhancing understanding of cryptographic algorithms.
- Devised functions for key matrix generation and data encryption/decryption.
- Handled edge cases like repeated characters, ensuring robust algorithm performance.

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

Mar 2024

- Developed an interactive Simon Game using jQuery, enhancing user engagement through dynamic visuals.
- Employed MVC architecture principles to organize and manage code effectively.
- Leveraged CSS for responsive design, ensuring smooth gameplay across devices.

### QuickCash Android App | *Java, FireBase, Figma, SOLID principles, Agile*

Jan 2024 - Apr 2024

- Collaborated on a job search app with distinct interfaces for employers and employees, enhancing user experience.
- Engineered real-time chat and push notification features using Firebase to facilitate communication.
- Integrated Google Maps for targeted job searches and PayPal for secure financial transactions.

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

Jan 2023 - Apr 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.

## EXPERIENCE

### Faculty of Computer Science Student Volunteer

Sep 2023 – Present

*Dalhousie University*

*Halifax, NS*

- Engaged in organizing and conducting various faculty events, including workshops and orientations.
- Teamed up with fellow volunteers and faculty members to optimize event logistics.
- Assisted and guided attendees, focusing on strong interpersonal communication.

### Cast Member

May 2023 – Aug 2023

*Cineplex*

*Halifax, NS*

- Honed problem-solving and troubleshooting skills in a fast-paced environment.
- Acquired teamwork and collaborative skills, enhancing communication and service.
- Showcased exceptional customer service, addressing inquiries and ensuring satisfaction.

## AWARDS

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

**Dean's List (Multiple Semesters)**: Consistently recognized on the Dean's List for achieving a term GPA over 3.70