

Zain Ul Abideen

902-989-7617 | Zain.abideen@dal.ca | [LinkedIn](#) | [GitHub](#) | [Portfolio Website](#)

EDUCATION

Dalhousie University

September 2023 - May 2027

Bachelor of Applied Computer Science - CO-OP - 3.76/4.30 CGPA

Halifax, NS

EXPERIENCE

Founder and President

August 2024 –Present

Dalhousie Digital Photography Society (DDPS)

Halifax, NS

- Leading the strategic initiatives to foster the community of photographers within the University and Halifax, encompassing photography within the communities.
- Initiated a university-wide monthly photography theme challenge on Instagram, engaging 250 participants.
- Collaborated with 10 university societies to cover their events with a team of member photographers, expanding society outreach by 50% and encompassing cross-community engagement.

Computer Science Mentor

August 2024 - Present

Together@Dal

Halifax, NS

- Mentored 45+ first-year students, enhancing their transition to university and boosting engagement with campus resources by 20% from previous years.
- Developed and maintained strong mentor-mentee relationships through regular, personalized meetings, addressing academic and social concerns, resulting in a 90% satisfaction rate with mentees.
- Collaborated with fellow mentors and program managers to organize group discussions and coordinate workshops, enhancing community connections and ensuring consistent support for mentees.

Community Assistant Team Member

January 2024 - Present

Dalhousie University

Halifax, NS

- Manage the well-being of over 55 residence students, ensuring a supportive and inclusive living environment.
- Organized bi-weekly events such as vinyl paint night and story-telling 101, increasing resident engagement by 25%.
- Completed training in conflict resolution, mentoring, and wellness management, enhancing leadership capabilities.

PROJECTS

Personal Portfolio Website | React.js, SCSS, GSAP

January 2025

- Implemented interactive animations using React.js, GSAP, and SCSS to enhance user engagement.
- Incorporated seamless navigation features and a minimalist design to provide an intuitive user experience.
- Leveraged Git for version control and deployed the site on GitHub Pages with a custom domain: [zainn.dev](#).

I Dee Dee (Intoxication Detection Device) | Figma

January 2024

- Engineered a comprehensive AI-based intoxication detection system integrating gaze tracking, voice analysis, and gait recognition for enhanced safety and compliance.
- Designed an interactive user interface prototype in Figma to address the user testing experience.
- Demonstrated the solution's effectiveness, achieving recognition as a top 5 finalist by presenting measurable accuracy and innovative features to a panel of experts.

Be Careful What You Wish For | Unity, C#

January 2024

- Designed and developed a game based on the theme "Make me laugh," utilizing Unity's physics engine, animation tools, and C# scripting to create a dynamic and engaging player experience.
- Refined game mechanics with Unity's physics engine, ensuring smooth gameplay during a 48-hour Game Jam.
- Led programming in a two-person team that received positive feedback on the speed boost mechanic from the judges.

SKILLS

Languages: Java, C#, JavaScript, HTML/CSS, SQL

Developer Tools: Git, GitHub, GitLab, VS Code, Visual Studio, IntelliJ, Figma, Canva

Frameworks and Libraries: React.js, GSAP, Node.js, FontAwesome, JUnit, SCSS

AWARDS

Outstanding Community Builder

April 2024

Dalhousie Entrance Scholarship for Academic and Extracurricular Excellence

September 2023