

Zain Ul Abideen

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EDUCATION

Dalhousie University

Bachelor of Applied Computer Science - CO-OP - 3.79/4.30 CGPA

September 2023 - May 2027

Halifax, NS

EXPERIENCE

Founder and President

Dalhousie Digital Photography Society (DDPS)

August 2024 –Present

Halifax, NS

- Head of strategic initiatives helping to foster a vibrant community of photographers within Halifax at large.
- Launched a university-wide monthly photography theme submissions channel attracting 250 participants.
- Collaborated with 10 university societies to cover their events with a team of member photographers, expanding society outreach by 50% and fostering cross-community engagement.

Computer Science Mentor

Together@Dal

August 2024 - Present

Halifax, NS

- Mentored 45+ first-year students, enhancing their transition to university and boosting engagement with campus resources by 20%.
- Developed and maintained strong mentor-mentee relationships, resulting in a 90% satisfaction rate with mentees.
- Strengthened community connections by facilitating group discussions and promoting key university resources.

Community Assistant Team Member

Dalhousie University

January 2024 - Present

Halifax, NS

- Managed the well-being of 55+ residence students, creating a safe, inclusive, and supportive living environment.
- Organized bi-weekly events, increasing resident engagement by 25% and fostering a sense of community.
- 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.
- Used FontAwesome icons and animated elements to create visually appealing and accessible content.

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 with accuracy of up to 70%.
- 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.
- Optimized game mechanics for seamless performance ensuring seamless functionality during a 48-hour Game Jam.
- Led programming in a two-person team that received positive feedback on the game mechanics from 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

BACS Entrance Award & Dalhousie Entrance Renewable Scholarship

September 2023

Dalhousie Entrance Community & Leadership Award

September 2023

Dalhousie Entrance Scholarship for Academic and Extracurricular Excellence

September 2023