

JANCIS DELFIN

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EDUCATION

University of Alberta

BSc Major in Computer Science, Minor in Statistics

Edmonton, AB

Sept 2021 – Present

- **Relevant Courses:** Algorithms & Data Structures, Machine Learning, Database and File Management, Probability and Statistics, Linear Algebra, Calculus, Applied Statistical Methods, Web Application and Architecture

EXPERIENCE

Boathouse

Store Associate

Edmonton, AB

Aug 2022 – Present

- Identified and cultivated new sales clients through multiple mediums (phone, email, store website)
- Maintained a high level of detail managing all aspects of sales activities

Bro'kin Yolk

Prep/Dish

Edmonton, AB

Aug 2021 – Aug 2022

- Maintained and managed a good relationship between coworkers and customers.
- Performed all assigned prep work and restocked workstations with needed supplies.

PROJECTS/VOLUNTEERS

AntiSleepDetection -[Link to Project](#)

Personal Project

Edmonton, AB

Nov 2024 – Jan 2025

- Designed and implemented a real-time drowsiness detection system using Python, OpenCV, and TensorFlow.
- Developed a deep learning model to classify eye states (open/closed) and integrated it with Haar Cascades for real-time face and eye detection.
- Built an alert mechanism using Pygame to trigger an alarm when prolonged eye closure is detected, improving user safety in scenarios like driving.

Event Wizard -[Link to Project](#)

Mobile Application Project (Android Studio)

Edmonton, AB

Sept 2024 – Dec 2024

- Developed a feature-rich mobile application to create, manage, and attend community events effortlessly.
- Implemented key functionalities, including QR code-based event check-ins, real-time waiting list management, and event geolocation requirements.
- Designed and developed an intuitive user interface using Android Studio, ensuring seamless navigation for event organizers and participants.
- Integrated Firebase for real-time cloud synchronization and secure event data management.
- Built a system for managing participant registrations, automated waiting lists, and event capacities with geolocation validation.

My Own Portfolio -[Link to Project](#)

Personal Website

Edmonton, AB

Dec 2024 – Jan 2025

- Designed and developed a personal portfolio website to showcase professional projects, academic achievements, and skills.
- Built the website using Node.js, React, JavaScript, and CSS, ensuring a responsive and visually appealing user interface.
- Implemented dynamic routing and interactive elements to enhance user experience and engagement.
- Deployed the website for public access and optimized it for desktop and mobile platforms.

SKILLS & INTERESTS

Languages: Python, C/C++, R, HTML/CSS, JavaScript, Julia,

Frameworks / Others: React.js, Pytorch, Android Studio, Git, Pygame

Interests: Website Development, Game/App Development, Music Production, Sports