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Technical Skills

Languages: C, C++, Python, HTML, CSS, JavaScript, Dart Technologies: React, Flask, Git, DevOps, Flutter, Firebase

Skills: Data Structures & Algorithms, Object Oriented Programming, Operating Systems, Computer Systems Architecture,

Version Control, Discrete Mathematics, Agile Development, Computer Vision, Linux

Experience

ConHacks 2023 Website

September 2023 - Present

Co-founder and Lead Organizer

Waterloo, ON

- Co-founded and played a pivotal role in organizing ConHacks 2023, a successful hackathon hosted by Conestoga College, Waterloo, with the participation of approximately 130 enthusiastic individuals.
- Spearheaded the development of the hackathon's landing page and designed the infrastructure for the seamless
 application process.
- Engineered the website using cutting-edge technologies including ThreeJS, React Three Fiber, TailwindCSS, and Framer Motion, ensuring an engaging and visually appealing user experience.
- Demonstrated technical proficiency by deploying the landing page on Vercel and seamlessly integrating it with a custom domain, optimizing performance and accessibility for both participants and visitors.
- Proactively managed the technical aspects of the event to enhance the overall participant experience and streamline the application process.

Projects

SpotiFetch | Python, Flask, HTML, CSS Github

 Developed SpotiFetch, a web application built with Python, Flask, HTML, and CSS, providing users with a convenient solution to download songs, playlists, and albums from Spotify, showcasing strong programming and web development skills

Personal Portfolio Website | HTML, CSS, JavaScript, Github

- Designed and developed a personal portfolio website using HTML, CSS, and JavaScript, ensuring a responsive and visually appealing user experience to showcase professional achievements and skills effectively
- Leveraged GitHub Pages to host the portfolio website, providing a cost-effective and accessible hosting solution, and connected it to a custom domain

Aqua Pinion | Python, Arduino

• Collaborating on a project alongside two peers to implement Arduino and Machine Learning algorithms. The project's objective is to enhance water safety by preventing drowning incidents

SQLite Clone | C, Ruby Github

• A C-based project inspired by Cstack's tutorial to replicate SQLite, aimed at enhancing my understanding of databases and reinforcing my C programming skills

Huddle | Flutter, Firebase Devpost

- Collaborated with two peers to participate in a 48-hour intensive hackathon, HackWestern, organized by Western University, where we conceptualized and developed the Android app "Huddle."
- Designed Huddle as a comprehensive hangout planning tool with innovative features such as bill splitting, real-time ETA tracking through Google Maps integration, and an automatic image sharing feature for a dynamic social experience.
- Utilized cutting-edge technologies including Flutter for cross-platform development, Firebase for backend infrastructure, and Google Maps API to enhance the functionality and user experience of the app.

Education

DSYM

Conestoga College, Waterloo

January 2023 - August 2026 (Expected)

Bachelor of Computer Science (Honours)

GPA: 3.5

Volunteer Experience

Coordinator

2022 *Delhi*

• Assisted in organizing and conducting a food drive to support the underprivileged during the COVID-19 pandemic.

• Coordinated the planning and execution of a fundraising soccer tournament, which successfully raised funds for an orphanage.