

KAHAN DESAI

Waterloo, Ontario, N2T 2E2

647-897-2004 | kahandesai2114+professional@gmail.com | <https://www.linkedin.com/in/kahandesai/>

OBJECTIVE: Aspiring software developer seeking the [position] at [company] for co-op term [position term], leveraging a robust foundation in computer science, adept problem-solving skills, and a passion for translating concepts into impactful solutions.

HIGHLIGHTS:

- Software Intern at UinSports, responsible for Mobile App development using React-Native and creating backend APIs in Python.
 - Currently a second-year Computer science student at Conestoga College, Waterloo.
 - Well-versed with Python and C/C++ for backend and algorithm design.
 - Contributed to collaborative projects, delivering innovative solutions resulting in high grades in team-based courses.
 - Applied problem-solving and conceptual ability, thereby resulting in 4.00 GPAs in various program courses, including Object-Oriented Programming, Linear Algebra, and Discrete math.
 - Represented a tech startup (UinSports) at Collision event, showcasing strong business understanding, communication skills, and a tech background to network with industry leaders.
-

RELEVANT EXPERIENCE:

Software Developer Intern

May 2023 – Present

UinSports Inc. | Waterloo, Ontario

- Created components for the Android app revamp as per the Figma design using react-native.
- Formed APIs using Python for the application.
- Contributed to Back-end development in Python, managing the site databases and functionalities.
- Learned about Android development and web development along with testing methodologies for the same.

EDUCATION:

Bachelor of Computer Science (Honours)

Sep 2022 – Nov 2026

Conestoga College | Waterloo, Ontario

- Program weighted average: 82.72 (2 semesters)

PROJECT WORK:

RoadQuest: Driving-Skills Assessment Application

Sep 2023 – Dec 2023

- As a cornerstone of the System Analysis and Design course, this project implemented agile methodology and Azure Boards for efficient project management over four sprints, gaining hands-on experience in real-world work dynamics.
- Utilized Node.js for the back end to incorporate features like navigation functions and real-time monitoring of smartphone sensors for driving skills assessment.
- Implemented Kotlin for Android-native mobile app development, optimising UI and ensuring efficient sensor readings.
- Developed and integrated sophisticated algorithms for precise skills reports and assessments, highlighting algorithmic programming proficiency, as well as gained experience with Android-native development.

LazyPrint: Simplified Printing

Sep 2023 – Dec 2023

- Crafted the implementation of dynamic scheduling algorithms and sorting functions for LazyPrint, optimising job assignments and showcasing algorithmic proficiency.
- Utilized Python, ReactJS, and Flask to engineer a technically robust solution, ensuring a seamless and user-friendly experience for LazyPrint users.
- Played a key role in the usability testing phase, refining features based on insights, and contributed to the project's success in enhancing user experience.

Study-Incentivizer: Gamifying Self-Study

Oct 2023

- Guided the creation of a gamified self-study application during an 8-hour ConHacks hackathon, showcasing rapid development skills using ReactJS for frontend and Python for backend.
- Implemented face and screen-content tracking functionalities to ensure genuine study sessions, highlighting a keen focus on incorporating innovative solutions within time constraints.

NN Classifier: Predicting Phone Orientation

Apr 2023

- Final project in C++ for Object-Oriented Programming course that reads phone sensor data, predicts orientation, and manages training data.
- Demonstrated effective understanding of object-oriented concepts through well-documented code, presentation, and ongoing project refinement.

Saviour In Darkness:

Feb 2023 – Apr 2023

- An interactive console-based game completely written in C language for a team-based software development course. Typical hero-demon strategy-based game with varied difficulty levels.

ADDITIONAL EXPERIENCE

Tutoring and Leadership (Community):

- **President** Oct 2023 – Present
Kitchener-Waterloo Chess Club | Kitchener, Ontario
 - Managed chess programs, organised events, and promoted community engagement.
- **Teacher** Oct 2023 – Present
Grand River Chinese School | Waterloo, Ontario
 - Instructed beginner and intermediate chess students with structured course delivery and regular evaluations.
- **Youth/ Program Leader** Jun 2023 – Present
City of Kitchener | Kitchener, Ontario
 - Orchestrated recreational and educational programs, fostering youth leadership.

Communication and Leadership (Business):

- **Account Executive (Sales)** Feb 2023 – May 2023
AGM Advantage | Kitchener, Ontario
 - Conducted direct sales for Triangle Mastercard, built public relations, and underwent professional sales and leadership training.
- **Door-To-Door Sales Representative** Nov 2022 – Jan 2023
Home Service Solutions | Kitchener, Ontario
 - Booked quotes for eavestrough replacements through effective door-to-door communication persisting even in extreme weather.

Noteworthy Events (Tech and Innovation):

- **Startup Representative**
Collision Conference 2023 | Toronto, Ontario
- **ConHacks Participant**
Conestoga Hackathon | Waterloo, Ontario