

ARVIN ASKARI

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Education

Queen's University

Sept. 2024 – Present

Bachelor of Computing (Honours) + QUIP Internship

GPA: 3.77

Relevant Coursework

- Introduction to Computing Science 1
- Discrete Structures 1
- Introduction to Statistics
- Introduction to Cognitive Science
- Introduction to Computing Science 2
- Principles of Economics
- Introduction to Linear Algebra
- Differential and Integral Calculus

Experience

Queen's University Web Development (QWeb)

January 2025 – Present

Full-Stack Developer

Kingston, Ontario

- Applying web development frameworks to design and build dynamic, user-friendly websites.
- Leveraging skills in HTML, CSS, and JavaScript and client interaction.
- Collaborating with a project team to create a custom website tailored to a client's needs.

Queen's Sports Analytics Organization

September 2024 – Present

Data Analyst

Kingston, Ontario

- Conduct in-depth data analysis on soccer metrics, extracting insights to enhance sports content.
- Create and structure articles using analytical findings, contributing to data-driven content.
- Collaborated with team members to research, analyze, and develop a year-long project on sports analytics trends.

Queen's AutoDrive Team

September 2024 – Present

External Operations Team Member

Kingston, Ontario

- Secured sponsorships by sending outreach emails to major companies, helping team finances.
- Coordinated logistics for events and resources to support autonomous vehicle development.
- Managed budgeting and tracked sponsorships to optimize resources for project goals.

Northern Karate Schools

October 2021 – May 2024

Karate Instructor

Aurora, Ontario

- 2nd Degree Black Belt.
- Instructed Karate classes for up to 30 students, focusing on physical strength, mental focus, and coordination.
- Guided young athletes from White Belt to Black Belt levels in mastering Karate techniques.

Projects

Lease Me Before You Go Go | *Flask, Python, React, Next.js, spaCy, Tailwind CSS*

January 2025

- Built a web application simulating landlord interactions, helping first-time renters navigate rental scenarios confidently.
- Implemented spaCy's NLP to analyze user responses and match them with predefined 'good' questions accurately.
- Developed a responsive interface using React, Next.js, and Tailwind CSS for smooth and seamless interactions.
- Integrated Google Gemini API to generate realistic, dynamic, and human-like responses tailored to tenant inquiries.
- Designed a scalable backend with Flask and Python to dynamically manage landlord profiles and property data.

Police Dodger Game | *Python, Pygame, Tkinter*

June 2024

- Developed a dual-interface application using Tkinter and Pygame.
- Implemented responsive user input handling and game mechanics.
- Led full-stack development and integration of game logic and UI.

Technical Skills

Languages: Python, Java, SQL, HTML, CSS, JavaScript, React, Next.js

Developer Tools: Microsoft Office, Outlook, Excel, PowerBI

Technologies/Frameworks: Flask, Pygame, Tkinter, Pandas, spaCy

CERTIFICATIONS AND ACCOMPLISHMENTS

French Immersion Certificate: Bilingual (Proficient in French).

Ontario Scholar: Graduated with honours and achieved recognition on the Honour Roll throughout all four years.