

# CONNOR PINEAULT

connor.pineault@gmail.com • (647) 471-1767 • [connorpineault.com](https://connorpineault.com) • Toronto, On

## EXPERIENCE

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### Web Developer, Qmind

JAN 2024 — Present

- Web Developer at Qmind, Canada's largest undergraduate AI club, responsible for the continuous development and enhancement of the club's digital presence
- Managed the website's backend and frontend maintenance, ensuring optimal performance and user experience across various devices and browsers.
- Implemented a dynamic content management system, allowing team members to update project details and publish articles independently, streamlining content updates

Technologies: Java, React, Css, HTML, MongoDB, Postman

### Co-Founder & CTO, NutraNav

June 2023 — Present

- Co-founded NutraNav, a leading nutrition app, orchestrating the strategic vision and technological roadmap to enhance user engagement and platform capabilities
- Spearheaded the development of the app using React, PostgreSQL, EJS, and AI, resulting in a robust, scalable platform that supports personalized nutrition tracking and recommendations
- Implemented advanced data security measures and optimized database management with PostgreSQL to ensure user data privacy and high-speed transaction processing.

## EDUCATION

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### Queen's University, Computer Science, Bachelors of Computing

Expected Graduate — 2025

- Queen's Excellence Scholarship
- Specialization in Cognitive Science
- Minor in Philosophy
- Minor in Psychology
- Central Toronto Academy Advanced Placement program (4.0 GPA)

## CURRENT/COMPLETED PROJECTS

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### Note Taking App with Authentication | MERN - CRUD

- Implemented user authentication and authorization features using JWT (JSON Web Tokens) to ensure secure access to the note-taking application
- Designed and implemented RESTful APIs with Express.js to enable seamless communication between the client-side and server-side components of the MERN stack application.
- Utilized MongoDB Atlas as the database solution, employing Mongoose schemas for defining data models and ensuring data consistency.

Technologies: MongoDB, Express, React, Node.js, Javascript, HTML

### Document Scanner Application

- Developed a robust program leveraging OpenCV, argparse, numpy, imutils, and scikit-image to automate the conversion of JPG documents into scanned documents.
- Utilized OpenCV for image manipulation, including resizing, rotating, and adjusting contrast to mimic traditional scanning processes effectively.
- Implemented sophisticated image processing techniques to enhance the quality and clarity of scanned documents, contributing to improved readability and usability.

Technologies: NumPy, OpenCV, imutils, Argparse, Skimage

## SKILLS

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- Code: Python, React + hooks, NextJS, Javascript, TypeScript, NodeJS, CSS, styled-components,
- Tools: Docker, Redis, SQL, AWS, Puppeteer, Storybook, Jest, Shell, Tailwind

## ACHIEVEMENTS

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Queen's Excellence Scholarship

2021

