Andy Craig

📞 647-808-9481　✉ andycraig200@gmail.com　in https://www.linkedin.com/in/andycraig200　⌂
https://github.com/AndyCraig200

Education

Queen's University　　　　　　　　　　　　　　　　　　　　　　　　Class of 2024
First Class Honours, Bachelor's of Applied Science in Computer Engineering (GPA: 3.5 / 4.0)　　*Kingston, Ontario*

- **Relevant Coursework:** Data Structures and Algorithms (C++), Distributed Systems, Data Analytics, Database Management Systems, Advanced Computer Architecture, Software Performance Engineering, Software Engineering

Experience

ClearEstate　　　　　　　　　　　　　　　　　　　　　　　　July 2024 – Present
Full Stack Software Engineer　　　　　　　　　　　　　　　　　　　*Toronto, Ontario*

- Develop and enhance features for ClearEstate's platform using Laravel PHP and Vue.js.
- Optimize codebase for performance, scalability, and reliability through reviews.
- Collaborate with product managers and designers to streamline estate management.
- Utilize Git and Jira for version control and timely project delivery.

Cactus App　　　　　　　　　　　　　　　　　　　September 2023 – April 2025
Co-Founder and Lead Developer　　　　　　　　　　　　　　　　　　*Kingston, Ontario*

- Co-founded a loyalty rewards app, architecting a full ecosystem with React Native, Laravel PHP, Vue.js, and PostgreSQL.
- Led full-stack development of a production-ready platform with QR code point collection, rewards management, and CI/CD pipelines using GitHub Actions.
- Exited the company for $20,000 after 19 months, showcasing strong product-market fit and technical execution.

Pursuit Labs　　　　　　　　　　　　　　　　　　　August 2020 – April 2022
Co-Founder and Lead Software Engineer　　　　　　　　　　　　　　　*Kingston, Ontario*

- Co-founder and lead software engineer at Pursuit Labs, focusing on AI-driven solutions.
- Led development of full-stack web applications, including UI/UX and backend services.
- Secured 2nd place and $5,000 funding at 2021 CUCAI for product innovation.

Projects

Workout Analysis App　•　*Swift, Tensorflow, YoloV8, Python, Flask*

- Led development of WorkoutPal, a workout analysis app using YoloV8 for feedback.
- Designed an end-to-end ML pipeline serving model inference to a SwiftUI app on AWS.

Technical Skills

Languages: Python, PHP, JavaScript, SQL, Swift, Java, C++, C
Technologies: Flask, Kubernetes, Docker, CircleCI, TensorFlow, PyTorch, Google Cloud Ecosystem, Apache Beam
Concepts: Agile Methodology, Cloud Computing, User Interfaces, Machine Learning, Artificial Intelligence, Data Engineering, Data Science, Distributed Systems