



ALEXANDER K. BEAMISH

1160 Sawmill Lane | Perth Road, ON, K0H 2L0

 (613) 449-0230

 beamish.alex@gmail.com

 beamisha.github.io

 github.com/beamisha

EDUCATION

Bachelor of Computing (Honours), Specialization in Cognitive Science

June 2019 - Dec 2022

Queen's University

Kingston, ON

- GPA: 3.98
- Completed undergraduate thesis in AI planning, leveraging large language models (LLMs) in combination with specialized natural language processing (NLP) techniques to automate PDDL code generation based on natural language descriptions of temporal planning problems
- Collaborated with QMIND team members to develop a functional speaker recognition machine learning model in Python and presented this work at the Canadian Undergraduate Conference on AI (CUCAI)

Candidate for Honours Mathematics

Sept 2017 - May 2019

University of Waterloo

Waterloo, ON

- Recipient of Athletic Financial Award from University of Waterloo Men's Volleyball program in recognition of athletic and academic excellence

EXPERIENCE

Co-Founder/Developer

Jan 2023 - present

CODEMPOWER

Kingston, ON

- Designed and developed applications, including mobile and web solutions, to meet client needs, enhancing user experience and operational efficiency
- Implemented custom improvements to client websites, leveraging full-stack development skills to deliver tailored solutions
- Collaborated with a team of software engineers to manage multiple client projects throughout all stages of the Software Development Life Cycle, ensuring quality and timely delivery

Sales Representative

May 2022 - Aug 2022

Vantage Marketing

Burlington, ON

- Leveraged effective sales techniques to drive significant growth for Insight Pest Solutions
- Cultivated strong relationships with customers, providing tailored advice and follow-up support to ensure satisfaction and encourage repeat business
- Collaborated with a dynamic team to share insights and optimize sales performance

Teaching Assistant

May 2020 - Aug 2021

Queen's University

Kingston, ON

- Supported students in introductory and intermediate computer science courses by facilitating office hours, review workshops, and one-on-one support
- Graded assignments and exams accurately, providing constructive feedback to help students improve their performance

Retail Associate

Aug 2019 - May 2020

Classic Video

Kingston, ON

- Provided exceptional customer service, fostering a welcoming and enjoyable shopping environment for all patrons
- Processed transactions accurately and maintained a clean, organized store layout to enhance overall customer satisfaction

SKILLS

Languages/Technologies: HTML, CSS, JavaScript, Typescript, React, React Native, SQL, Firebase, Java, Python

Methodologies: Software Development Life Cycle, Agile Development, Software Testing, User-Centered Design

Additional Skills: Knowledge of Figma, Knowledge of Android development, Effective communication, Goal-oriented attitude

ADDITIONAL

- Designed and developed prototype for AI plant care mobile app that leverages generative AI models through the OpenAI API
- Avid guitarist with experience performing at open mics and paid gigs
- Completed first Tough Mudder in 2024
- Former varsity volleyball athlete at University of Waterloo