

# Krish Chandarana

## Seeking 4-Month Winter 2024 Internship

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### Skills

#### Languages

Python, Java, C, C++, Dart, JavaScript, HTML, CSS, VBScript, SQL, XSL/XSLT, TypeScript, XML

#### Frameworks/Tools

Flutter, React Native, AWS, Azure, Git, Kubernetes, Docker, NodeJS, ASP.Net, Firebase, Google APIs, Github, SQL Server Management Studio, MongoDB

### Experience

#### Software Engineer Intern, Magnet Forensics 🔗

01/2023 – 04/2023

Waterloo, Canada

- Worked in a fast-paced environment implementing feature enhancements and optimizations to the Magnet Review product, **pivotal to 5.0 release** using **JavaScript, TypeScript, React.js, SQL Server Management Studio, ASP.NET, CSS**
- Performed backend **optimizations to enable efficient** and seamless retrieval and deletion of specific cases
- **Implemented enhanced security** specific to authorization upgrades on multiple pages within Magnet Review
- Implemented UI changes to ensure the breadcrumb trail appears on all case pages and includes links to parent pages thus **enhancing user experience**

#### Software Engineer Intern, RhythmQ 🔗

05/2022 – 08/2022

Toronto, Canada

- Worked closely with the technology team to develop and support RhythmQ's online software RQ Awards using **HTML, CSS, Java, XSL/XSLT, JQuery, Javascript, ASP.Net, SQL, and VBScript**
- Implemented support web-page to act as a self-serve, web-based customer service tool **simplifying admin experience**
- Developed **new feature to bulk enable** system admins grant specific role users
- Developed new feature for admins **enable personalized PDF letters to over 100,000+ users** depending tag assigned

### Projects

#### Consultation For Sidewalk Labs 🔗

- Consulted for Sidewalk Labs to develop a solution to **create more affordable housing in Downtown Toronto**. Sidewalk Labs is Alphabet's (Google's parent company) smart city subsidiary, with one of their goals was to turn Toronto's waterfront into a high-tech utopia
- A three-step solution that involves **factory based pre-fabrication**, a **generative design program** to aid with floor space optimization, and **principle residence rental optimization**

#### My Personal Doctor, Java, Voiceflow, Rest APIs, Twilio, Netbeans 🔗

- A smart assistant for individuals to self-diagnose and then if needed, reach out for medical help.
- Designed a **Google Home Action using Voiceflow** to interface Google Sheets - the database - and APIs
- For the creation of the patient-doctor portal, we used **Java and Netbeans** to create a secure and reliable GUI

### Education

#### University of Waterloo and Wilfrid Laurier University,

09/2021 – 08/2026

BCS/BBA Computer Science and Business Administration (Double Degree)

Waterloo, Canada

- **Awards:** President Gold Scholarship (2021), Distinction - Euclid Contest (2021)
- **Activities:** UW Computer Science Club, Laurier Squash Team, Laurier Soccer Intramurals, Double Degree Mentor, Waterloo Soccer Intramurals