

# CYANNE RAMNARINE

✉ ccrannar@uwaterloo.ca — ☎ 2269783717 — 📁 Portfolio — in ccrannar — 🌐 ccrannar

## SKILLS

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- **Languages:** C++, C, Python, Typescript, Javascript, Kotlin, SQL, HTML, CSS
- **Frontend:** Vue.js, Svelte, React, Redux Toolkit, JavaFx, TailwindCSS, ChakraUI
- **Backend:** Deno/Node.js, Express.js, Deno Deploy, MongoDB, Mongoose
- **Tools:** Android Studio, Cypress, CodeceptJS, Docker, Git, IntelliJ, Jest, Jira, K6, Linux command line, NPM, Swagger, TestRail, Visual Studio, Xcode, Yarn, CircleCI

## EXPERIENCE

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### Full-Stack Software Engineer (Present)

Sept – Dec, '22 (Present)

Canvass AI [↗](#)

Hybrid

- Deployed **Storybook** automation workflow using **CircleCI** to facilitate collaboration between designers and engineers
- Utilized **React** and **Typescript** to implement spec compliant type safe user interfaces.

### Software Engineer

Jan – Apr, '22

Maxon [↗](#)

Remote

- **Owned** the Lens Editor Project: a frequently requested feature to edit lenses in the AE plugin. **Streamlined** the in-house editing process for use by end users by converting 3 processes into 1 interface to edit lenses.
- Designed, implemented and shipped the lens editor feature using **Vue.js** for Mac and Windows.
- Implemented **backend** classes in **CPP** to support the lens editor feature.
- Debugged and fixed broken **API** requests in **CPP** and implemented new API requests to support new features.
- Presented biweekly **demo** updates during Sprint Reviews which greatly improved cross team collaboration.
- **Refactored** existing components to improve code scalability for future features and decreasing coupling.

### Automation Test Engineer

Sept – Dec, '20, May – Aug, '21,

Bluescape [↗](#)

Remote

- **Co-owned** the web browser client stabilization project; presented updates on a weekly basis. Improved the pass/fail rate of regression tests by 60% by prioritizing, **debugging**, and fixing tests.
- Expanded the automation framework to support new features. Utilized **Javascript**, and **CodeceptJS**.
- Developed test status differentiation through the **Testrail API** to produce reports and graphs to identify regression test cases, leading to the detection of 50+ regression tests and unstable tests.
- Automated test cases in **Javascript** using **CodeceptJS** to validate web browser client behaviour.
- Utilized **Jest** to mock functions and **API** calls to create **unit tests**; leading to the detection of 5+ bugs.
- Enhanced automated **API** load testing by implementing an ISAM test generator using **k6**, **Docker** and **Swagger**.

## PROJECTS

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### Gesture Recognizer [↗](#)

Dec, '21

- Implemented an Android app in **Android Studio** using **Kotlin** and **JavaFX** that allows users to create, recognize and manage one-stroke gestures and displays the top three matched gestures for every input gesture.

### Light Box [↗](#)

Nov, '21

- Utilized the **MVC** design pattern to develop a photo lightbox using **Kotlin** and **JavaFX** in **IntelliJ**.
- Supports translation, scaling and rotation of images along with two viewing modes.

### RAII-net [↗](#)

Dec, '19

- Designed a Stratego-style game using **OOP principles** in a team of 3.
- Applied **RAII principles**, **MVC** and **Subject-Observer design pattern** in **C++**

## EDUCATION

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### University of Waterloo

Sept, '18 – Aug '23 (Exp)

Candidate for Bachelor of Computer Science, Honours Co-op Program

- Relevant Courses: Algorithms, Software Design and Architecture, Object Oriented Programming, Data Structures, User Interfaces, Database Systems, Operating Systems

## HOBBIES

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- Archery, Video games, Intramural Athlete, Reading, DIY Activities, Photography, Hiking, Gym