# Junior Green

Ontario, Canada

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## PROFILE SUMMARY

Highly motivated and detail-oriented Software Engineer with a Bachelor of Science in Computer Science from Carleton University. Proficient in modern programming languages such as Python, Golang, TypeScript, Java, C++, and frameworks including React.js, Angular, Flutter, and Next.js. Adept at leveraging tools like Docker, Firebase, MongoDB, and Git to deliver scalable, high-performance solutions. Passionate about crafting user-focused applications, optimizing performance, and solving real-world problems through innovative software development. Known for strong problem-solving and critical-thinking abilities, combined with excellent team collaboration and communication skills, with a track record of mentoring peers and working effectively under tight deadlines.

## EDUCATION

**Carleton University, Public Research Institute of Ottawa, School of Computer Science**       **Graduated June 2024**
*Bachelor of Science in Computer Science*
Overall GPA: 3.40 | Dean's List
In-Major GPA: 3.72

## SKILLS

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|---|---|
| **Languages:** | C++, CSS, Golang, HTML, Java, JavaScript, Python, SQL, Swift, TypeScript |
| **Frameworks/Libraries:** | Angular, Flutter, Hibernate, J2EE, JUnit, Next.js, Node.js, Spring Boot, SwiftUI, React.js |
| **Tools/Platforms:** | Docker, Firebase, Git, IntelliJ, Linux, Maven, MongoDB, VS Code, Vercel, Vite, PostgreSQL |
| **Soft Skills:** | Team Collaboration, Technical Communication, Critical Thinking, Time Management, Adaptive |

## PROJECTS

**Streaming Service Front-end Clone - Angular | Firebase**       **August 2023 – January 2024**
- Developed a front-end clone of the popular entertainment streaming service Crunchyroll
- Executed a responsive design approach with Tailwind resulting in a 40% boost in mobile responsiveness scores
- Integrated a secure authentication system, enabling robust email and password verification for users leveraging Firestore
- Optimized performance to get the FCP down to 466ms providing a 93% improvement
- Optimized network requests to Firebase Storage down to an average of 156ms providing a 19% improvement

**Sport Stats Tracker - Next.js | MongoDB**       **May – August 2023**
- Designed a comprehensive sports stat tracker web application using Next.js and MongoDB, enabling users to efficiently monitor performance
- Applied a Continuous Integration (CI) pipeline using GitHub Actions, automating the build, testing, and deployment process to Vercel, reducing manual effort by over 75%
- Implemented OAuth authentication integration with 4 identity providers, including Twitter, Reddit, Discord, and Google, increasing user flexibility and convenience, and boosting app accessibility by 40%
- Utilized Next's server-side rendering capabilities to enhance application performance, delivering 10% faster loading times

**Heart Rate Variability Analyzer, Carleton University - C++ | Qt**       **February – May 2023**
- Worked with 3 other team members in a simulated Scrum development environment to create a HRV simulator
- Constructed a GUI that featured a real time graph that visualized analytics such as heart rate, heart rate variability, and coherence
- Increased efficiency of the program through code base optimization resulting in a decreased build time of 30% (600ms)
- Mentored one team member by teaching them Qt's widget API and library functionalities

**Digital Wardrobe App - Flutter | Firebase**       **May 2022 – January 2023**
- Engineered a scalable backend infrastructure using Firebase as a SaaS solution
- Integrated Apple In-App Purchase and Google Play Billing, enabling monthly subscriptions through a frictionless payment experience
- Implemented Google Sign-In and Apple Sign-In authentication enabling seamless login for a scalable consumer base
- Published a public beta test through the Apple Developer program and Testflight, reaching over 20 beta testers

## WORK EXPERIENCE

**No Frills, Innisfil, Ontario**       **June – December 2021**
*Produce Clerk*
- Showcased exceptional organizational skills through efficient management and restocking of produce inventory, resulting in 99.5% inventory accuracy and 15% increase in customer satisfaction