

## Junior Green

Innisfil Ontario, Canada

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### PROFILE SUMMARY

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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

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**Carleton University, Public Research Institute of Ottawa, School of Computer Science**

**September 2020 – June 2024**

*Bachelor of Science in Computer Science*

CGPA: 3.40 | Dean's List

GPA: 3.72

### SKILLS

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**Languages:** C++, CSS, Golang, HTML, Java, JavaScript, Python, SQL, TypeScript  
**Frameworks/Libraries:** Angular, Flutter, Hibernate, J2EE, JUnit, Next.js, Node.js, Spring Boot, 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

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**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

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**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