

# JUNIOR GREEN

Barrie Ontario, Canada

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## WORK EXPERIENCE

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### Hangr

Founder and Sole Proprietor

Apr. '22 - May. '23

- Founded a startup focused on developing a mobile app using Flutter and Firebase for a digital wardrobe platform
- Developed and implemented a scalable backend infrastructure using Firebase as a SaaS solution
- Successfully conducted a beta test through the Apple Developer Program with over 50 users, gathering valuable feedback and implementing necessary improvements
- Executed marketing strategies to promote the beta, including social media campaigns through Facebook Ads
- Despite the eventual incubation of the startup, acquired in-depth knowledge in software design principles and streamlining backend processes

### No Frills

Produce Stocker (Seasonal)

July. '21 - Present

- Collaborated with a diverse team to execute timely restocking procedures, fostering a cooperative and communicative work environment
- Demonstrated exceptional organizational skills by efficiently managing and restocking produce inventory, ensuring products were consistently available and well-presented for customers

## PROJECTS

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### Crunchyroll.com Clone - Angular | Firebase

Aug. '23 - Dec. '23

- Executed a responsive design approach with Tailwind resulting in a 40% boost in mobile responsiveness scores
- Optimized performance to get the FCP down to 466ms providing a 93% improvement over 364 samples
- Optimized network requests to Firebase Storage down to an average of 156ms providing a 19% improvement over 9100 samples
- Implemented and maintained version control using Git, showcasing a disciplined approach to code management and collaborative development

### Sports Performance Tracker - Next.js | MongoDB

May. '23 - Aug. '23

- Developed a comprehensive sports stat tracker web application using Next.js and MongoDB, enabling users to efficiently monitor and analyze player and team performance
- Implemented user authentication and authorization mechanisms to ensure secure access to the application's features and data, enhancing user privacy
- Utilized Next's server-side rendering capabilities to enhance application performance, delivering fast loading times and improved SEO optimization
- Implemented 5 data visualization component shells in the form of graphs and charts to display user statistical data

### Heart Rate Variability Analyzer - C++ | Qt

Mar. '23 - May. '23

- Worked with 3 other team members in a simulated agile development environment to create a HRV simulator
- Constructed a GUI that featured a real time graph that visualized heart analytics such as heart rate, heart rate variability, and coherence
- Increased efficiency of the program by optimizing code resulting in a decreased build time of 30% (600ms)
- Mentored one of the team members teaching them Qt's widget api and library functionalities

## EDUCATION

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### Carleton University

Bachelor's of Computer Science

Sept. '20 - Present  
Ottawa, ON

- Major GPA: 3.70
- Graduating July 2024

## SKILLS

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**Languages:** TypeScript, Java, HTML, SCSS, SQL

**Frameworks/Libraries:** React, Next.js, Angular, Node.js, Tailwind, Express.js, Flutter

**Tools & Platforms:** Visual Studio Code, Git, GitHub, Firebase, Vercel, MongoDB, Android Studio