

Christopher Green

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EDUCATION

CARLETON UNIVERSITY

Ottawa, ON, Canada

BCS

Graduating July 2024

- CGPA: 11.10/12.00
- C.J Mackenzie Award

RELEVANT EXPERIENCE

HANGR

Ontario, Canada

Digital wardrobe mobile app

Founder

2022-2023

- Developed and implemented a scalable backend infrastructure using Firebase as a SaaS solution
- Successfully conducted a beta test with over 50 users, gathering valuable feedback and implementing necessary improvements
- Implemented marketing strategies to drive beta promotion, leveraging social media campaigns via Facebook Ads resulting in over 1500 impressions and a 3.5% conversion rate.
- Despite the eventual incubation of the application, acquired in-depth knowledge in software engineering principles and streamlining backend processes

NO FRILLS

Innisfil Ontario, Canada

Grocery store

Produce Stocker (Seasonal)

2021-2023

- 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

Crunchyroll.com Clone - Angular | Firebase

2023

- 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
- Optimized network requests to Firebase Storage down to an average of 156ms providing a 19% improvement

TrakIt - Next.js | MongoDB

2023

- 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

HRV Analyzer - C++ | Qt

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 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

SKILLS

Languages:

TypeScript, Java, HTML, CSS, SQL, Python, JavaScript, C++

Frameworks/Libraries:

React.js, Next.js, Angular, Node.js, Express.js, Flutter

Tools/Platforms:

Visual Studio Code, Git, GitHub, Firebase, Vercel, MongoDB