JUNIOR GREEN

Barrie Ontario, Canada
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EDUCATION

Carleton University
Bachelor of Computer Science

Sept. '20 - Present
Ottawa, ON

- GPA: 3.96/4.00
- President's Scholarship
- Expected Graduation: June 2024 (Currently 4th year)

PROJECTS

Sports Performance Tracker - Typescript | Next.js May. '23 - Present

- Worked with 3 other team members in an agile development environment to create a HRV simulator
- Assigned the role of the Scrum master to assign team roles, responsibilities, and deadlines amongst team members
- 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%
- Mentored 1 teammate by teaching them Qt's widget interface and framework functionality

Heart Rate Variability Analyzer - C++ | Qt Mar. '23 - May. '23

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Digital Wardrobe and Outfit Planner - Flutter | Firebase May. '22 - Mar. '23

- Developed a mobile application for Android and iOS using Flutter that allows users to build a digital clothing collection
- Implemented UX features such as auto-completion, smart filtering, haptic feedback, touch screen gestures and dark/light theme modes offering richer user experience and accessibility
- Integrated a back-end that handles user authentication, cloud storage, and database queries using Google's Firebase framework
- Conducted unit and integration tests using Firebase's emulator suite UI alongside dedicated unit testing Dart libraries

Lottery Gacha Simulator - Java | Android Studio Jan. '19 - Jan. '20

- Developed an android mobile app through Android Studio that replicates the lottery system of 4 popular mobile (gacha) games removing the need to use real currency
- Programmed a touch screen UI with navigational swipe gestures and animations
- Analyzed each games' statistical lottery probabilities and designed algorithms for them to replicate game experience
- Designed tailored UI functionality for 3 different screen resolutions

SKILLS & INTERESTS

Languages:	Java, JavaScript, Python, HTML5, CSS, Dart, TypeScript, C++
Frameworks/Libraries:	Node.js, Tailwind, Express.js,, Mongoose, Flutter, React.js, Next.js, Qt,
Tools & Platforms:	Visual Studio Code, Android Studio, Eclipse, Xcode, Git, GitHub, Firebase, Vercel, MongoDB
Interpersonal Skills:	Communication, Teamwork, Critical Thinking, Problem Solving, Organization, Adaptablity
Interests:	Digital collectable card games, Weightlifting, Rocket League, Manga

WORK HISTORY

No Frills Jun. '21 - Jan. '22
Stock Clerk Innisfil, ON

- Organized merchandise kept in inventory storage units providing a more organized work environment and drastically increasing inventory tracking manageability
- Stocked and refilled over 50% of produce inventory within a given day to meet customer demand
- Helped train 1 new associate by teaching regular procedural practices