JUNIOR GREEN

Barrie Ontario, Canada
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SKILLS

Languages:	TypeScript, Java, HTML, SCSS
Frameworks/Libraries:	React, Next.js, Angular, Node.js, Tailwind, Express.js
Tools & Platforms:	Visual Studio Code, Git, GitHub, Firebase, Vercel, MongoDB
Soft Skills:	Critical Thinking, Problem Solving, Organization, Adaptability

PROJECTS

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

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

EDUCATION

Carleton University   Sept. '20 - May. '24
Bachelor's of Computer Science   Ottawa, ON

- Major GPA: 3.70
- Awarded 4 annual scholarships

WORK HISTORY

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

- Organized merchandise kept in inventory storage units providing a more organized work environment and drastically increasing inventory tracking manageability
- Consistently stocked over 75% of daily produce inventory
- Assigned to help onboard 2 new associates by teaching regular store opening/closing protocols