

# Junseo Yang

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## EDUCATION

Conestoga College • Computer Programming and Analysis (Co-op) • GPA 3.99/4.00 2020 – Expected Grad of May 2024

- Volunteer Note Taker Program ([Certification](#))
- Relevant courses: Systems Analysis & Design, Microsoft Web Technologies, JAVA Web Technologies, Network Operating Systems, Software Quality Assurance, Mobile Applications, Database SQL, Computer Security

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## EXPERIENCE

Student, Software Development (Co-op) • Bell Canada May 2022 – Present

- Developed **Devium**, an in-house automated testing platform, validates network functionalities of maintenance releases or OS upgrades on wireless technology products so that product owners can issue technical approvals
- Primed internal team support for automating 40% of confidence test cases (12/30) and 75% of device certification test cases (39/52), saving a total of 76 hrs per device monthly
- Implemented microservice monitoring tool with Ruby, Cronjob, GitLab CI/CD and Docker, notifying developers of a service outage via Slack notifications contributing to service reliability and faster response time to recovery
- Initiated a **Koalify(RDQ)** plugin, a modularized project management web app, to support bulk JIRA ticket management through API, converting 6 hrs of manual work into 0.2 hrs of automation supporting 1750 hrs over 300 devices/year
- Delivered a presentation introducing internal products targeting the entire organization, promoting the business value of UI automation and identifying 4+ potential internal customers

Web Developer • Rium Hair Salon • [k-beautycare.com](https://k-beautycare.com) March 2021 - Present

- Designed a WordPress website with features of hair service booking management, payment/deposit, and Google Calendar sync, providing a streamlined booking process with 24/7 accessibility
- Actively engaged with stakeholders to figure out the project scope and discuss how to improve customer experience
- Administered a website for 2+ years as it grew to 250+ appointments and sales averaging \$50,000+ monthly

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## PROJECTS

ootd • outfit of the day • Personal Project • [Github](#) Jul 2023 – Present

- Created a SwiftUI iOS app for users to get weather forecasts and outfits of the day based on outdoor temperature
- Utilized Tomorrow.io Weather API integration to fetch location-based weather data with iOS native GPS feature

Fabulous restaurant • Academic Project • [Github](#) April 2022

- Developed an Angular web app for customers to write restaurant reviews with ratings and locations using WebSQL DB
- Leveraged Apache Cordova to transform the app to an Android mobile app providing cross-platform broader access
- Implemented reverse geocoding with HERE Maps API to store human-readable addresses instead of coordinates

Let's recycle masks during COVID-19 • Bell Geekfest • [sanhwasuh.github.io](https://sanhwasuh.github.io) • [Github](#) • [Certification](#) September 2021

- Led a team of 4, implementing a mask recycling solution to support business/individual eco-friendly decision-making
- Built a Ruby Jekyll web app to warn people about the danger of the surge of plastic waste and promote how to recycle masks properly in Bell Geekfest 2021 hackathon event organized by Bell Canada
- Dockerized the app to establish a consistent and seamless development environment between team members

Castle defence • Academic Project • [Github](#) December 2021

- Engineered a 2.5D game using the Monogame framework, employing an archer to defend a castle by defeating monsters and collecting scores, incorporating level systems, animations, and save/load functionality
- Crafted a game design document that illustrates features and class diagram information for maintenance
- Created a ClickOnce installer containing all necessary DLL files to deploy the .NET Windows Desktop application