Kyuri Jung

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EDUCATION

Carleton University   Sep 2020 - Dec 2023
Bachelor of Science, Major in Computer Science, Minor in Business (*3.9/4.0 GPA*)   *Ottawa, ON*

TECHNICAL SKILLS

Languages: JavaScript, HTML, CSS, Python, C, C++, Swift, Java, BrightScript, SceneGraph, Bash, PowerShell
Frameworks/Libraries: React, React Native, Node.js, Express.js, Bootstrap, SPFx, Tailwind, JSON, SQL, MongoDB
Developer Tools: Git, CI/CD, Homebrew, Vite, NPM, VS Code, Copilot, Postman, Jira, Confluence, Figma

EXPERIENCE

Warner Bros. Discovery   Jan 2024 - Present
Software Developer I   *Ottawa, ON*
- Spearheaded development of profile demographics and parental controls for HBO Max, refining requirements and coordinating architecture across teams to enhance personalized content for **48M+** Roku users
- Engineered account-sharing functionality using **BrightScript** and **SceneGraph** to promote standalone subscriptions through extra member accounts and profile migration services, contributing to **$40M+** in projected annual revenue growth
- Implemented linear TV support with expanding display rails for channels and playback controls, driving real-time engagement for **11M+** European subscribers during live streaming of the Paris 2024 Olympics
- Mitigated SEV-1 incidents during 24/7 on-call rotations by triaging **Grafana** logs and deploying **critical hotfixes**, maintaining a **98%+** error-free session rate and minimizing user disruptions

Warner Bros. Discovery   May 2022 - Aug 2022
Software Developer Intern   *Ottawa, ON*
- Resolved playback controls and accessibility bugs on HBO Max using **React Native** and **Swift APIs**, improving player stability for **16M+** Apple TV users
- Expanded integration and unit test coverage by **7%** across core components using **Jest** and **GTest**, enabling earlier regression detection and reducing downstream QA bug reports
- Authored technical documentation for architecture and function specs in Confluence and codebase READMEs, bridging knowledge gaps across a **20+** developer team

Canada Energy Regulator   Jan 2021 - Apr 2021
Web Content Developer   *Calgary, AB*
- Developed custom web components and responsive layouts using **SPFx** framework**, CSS,** and open-source **widgets**, enhancing intranet usability and visual clarity for **500+** employees
- Migrated 200+ bilingual pages to **SharePoint**, leveraging **Excel** sorting and filtering functions to track progress, maintaining a well-documented workflow for efficient cross-team collaboration
- Led weekly live training sessions on content management workflows, accelerating platform **onboarding for 60+** web editors and reducing post-launch support requests

PROJECTS

HeartWave | C++, Qt, SQL,
- Built a real-time heart rate monitoring app using **Qt** and **SQL**, outlining use cases with **UML** and **sequence diagrams** and applying an **observer pattern** to visualize and store detailed HRV data

OrderUp | JavaScript, Node.js, Express.js, CSS, MongoDB
- Engineered a full-stack food ordering web app using **Node.js**, **Express.js**, **MongoDB** and by implementing a secure and scalable **REST API**, supporting user logins, menu displays, and order requests

EasyCart | Java, JavaFX, Figma
- Designed and developed a desktop shopping cart app using **Figma**, **Java**, and **JavaFX**, leveraging **object-oriented patterns** and event-driven programming for dynamic menus, calculations, and real-time updates