Kyle Simons

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Passionate and self-driven software development student with leadership acumen seeking a challenging and rewarding growth position.  
**Skills** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Programming Languages: Java | C# | .NET | Python | JavaScript Databases: MongoDB | Oracle SQL | MSSQL | PLSQL | Firebase | Supabase Platforms/Frameworks: Clerk | PowerBI | Docker | Windows Server | Android Studio | ServiceNow Methodologies: Agile | Azure DevOps | Object Oriented Design | Test Driven Development Web Technologies: Full-Stack | React | NextJS | Vue | Jest | Storybook Tools: Microsoft Office | Azure CI/CD | Adobe Suite Other: Korean Language Proficiency

**Experience** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Software Development Co-op Student ENMAX** *Calgary, Alberta* **09/2023 - 04/2024**

• Elicited the requirements for an analytics program built in PowerBI to allow the Digital Experience to organize, visualize and predict work coming into the team, in particular operations, that provided a window to both the business and the team on our capacity.

• Rewrote and migrated several

• Identified a main constraint in a pivotal internal system at ENMAX called eForms that was causing the system to crash periodically when large amounts of data were exported. Implemented a solution using Serverless Computing where a new C# app was written and put it behind an API as an Azure Function in order to seamless integrate with an old .NET visual basic code monolith.

• Updated and migrated an old implementation of an application for the Water Reads program at ENMAX after it failed. The new app moved off the Connected Services implementation and put it on the company’s Azure portal and eliminated the fail point (file size) with updated practices.

• Tested and implemented features for both the Recognition Portal (for one division of ENMAX) and the new IT Recognition Portal (for the IT department solely), one built in .NET 4.8 and the other in .NET 8.

• Participated in the daily Scrum, used Azure DevOps to track and organize projects, used ServiceNow for ticketing, and participated in weekly portfolio meetings.

**Head of Technical Operations MagSecurity** *Calgary, Alberta* **03/2021 - 01/2023**

• Led the development and implementation of company-wide installation technician training and onboarding program.

• Assessed clients’ needs, created models and maps to address all requirements, and provided technical assistance and expertise to technicians in the field and clients.

• Created, implemented, and maintained comprehensive systems of networks that met all needs, including secure radio for sensors, wireless connectivity for cameras and other devices needing a connection to the internet, and home automation devices that used both wifi and z-wave frequencies.

• Designed and implemented topologies of physical media to address all component needs, including copper wiring for power, CAT5e or CAT6 ethernet for both power and connecting to access points, and repeaters to boost all wireless signals.

• Continuously integrated and deployed new equipment as MagSecurity moved to new platforms (Qolsys to 2GIG).

• Participated in walkthrough reviews of technical specifications, programs, code, and unit test plans.

**Installation Technician Vivint Canada, Inc.** *Calgary, Alberta* **09/2017 - 01/2021**

• Installed, maintained, and tested comprehensive systems of networks that met all needs, including secure radio for sensors, wireless connectivity for cameras and other devices needing a connection to the internet, and home automation devices that used both wifi and z-wave frequencies in an extremely fast-paced environment.

• Managed and tracked thousands of pieces of equipment in the field each week, providing nine-month warranties and assistance both on and off site to clients as needed.

• Provided beta testing and feedback for all new software created to facilitate and expedite all matters related to installation technicians, including applications to track hours, equipment, work orders, as well as software designed to help a technician set up and install a properly designed and tested security system setup.

• Trained new hires in an extremely fast-paced environment.

**Small Business Owner Samjoko Publishing.** *Calgary, Alberta* **09/2012 - Present**

• Designed and wrote tabletop roleplaying game systems in text form, using Microsoft Office, provided development and copyediting to several others, and forged connections between publishers in Canada and the United States with printing companies in South Korea.  
• Designed and managed seven kickstarter crowdfunding campaigns, including all surrounding copyediting, marketing, production, and fulfillment of the projects. My first book was [Magicians: Language Learning RPG](https://www.kickstarter.com/projects/samjoko/magicians-a-language-learning-rpg). I won an [ENnie Award](https://ennie-awards.com/portfolio-item/2016-ennie-award-nominees-and-winners/) for another game I created and kickstarted called [Worlds in Peril](https://www.kickstarter.com/projects/63676387/worlds-in-peril).  
• Used Microsoft Office and Adobe Photoshop, Adobe InDesign to create ready-to-print files to send to printers and managed the fulfillment of both the digital and physical books to thousands of backers (customer clients that pre-order via crowdfunding) across the world.  
**Education** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Software Development at Southern Alberta Institute of Technology (SAIT)** *Calgary, Alberta* **01/2023 – 12/2024**

**Bachelor of Arts in Korean Language at Kyunghee University** *Seoul, South Korea*• With a focus on teaching the Korean language to non-native speakers.

**Projects** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

• **Rocky Mountain Retreats:** A full stack project in the vein of Airbnb. Users can list properties along with amenities, make reservations, leave comments and reviews, and much more. This project is live at: <https://propertyapp.vercel.app/> log in with [resume@online.com](mailto:resume@online.com) | resume2024 or use the SSO options. You can use a test card number for checkout card number: 4242424242424242 / CSV: any 3 digits / Expiry date: Any future date)• **StreamSonic:** An Android mobile application for listening to royalty-free music from NCS. The app has all the core features of a music player, along with additional social aspects which include being able to follow other users and see their public playlists. This project can be found on my GitHub here as it has not been released officially through the Play Store. <https://github.com/kksimons/MusicPlayer>

References available upon request. Additional projects are available on my personal website.