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| **Hyeontak Ko**  Engineering Technology | Toronto, Ontario  1-438-866-6728  [hyeontak.ko@gmail.com](mailto:hyeontak.ko@gmail.com)  [www.linkedin.com/in/hyeontakko](http://www.linkedin.com/in/hyeontakko)  [HyunTakKo (github.com)](https://github.com/HyunTakKo) |

**Skills\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

* HTML, JavaScript, SQL, CSS, MongoDB, C#, React, MongoDB
* R (Flex dashboard, Shiny, Leaflet),
* Microsoft Word, Excel, PowerPoint
* Jira

**Education\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Centennial College Progress Campus Ontario, Canada

*School of Engineering Technology and Applied Science*  *[Jan 2023 – Aug 2024]*

* Cumulative 3.8 GPA

Marianopolis college Quebec, Canada

*[Dec 2021]*

St-Henri secondary school Quebec, Canada

*[Jun 2020]*

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

Centennial College Ontario, Canada

*Student Research Assistant (with NTG Clarity)*   *[Apr 2021 – Jul 2021]*

* Feature selection by correlations, f-test (p value), and coefficient of determination scores (R2)
* Random selection on the data split process for training and testing datasets by 85% / 15%
* Initial regression model built with excel had R2=5%, then implemented Artificial Neural Networks structure to increase the accuracy up to 75% with 2.68 mean squared error (evaluation by MAE vs epochs)
* Suggested the potential use of NTG data’s pattern behaviours with the final model (for NTG’s future considerations)

**Languages\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

* English
* French
* Korean