

## HYEJUNG BAE (CATHY BAE)

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<https://github.com/waterfall49>

### Profile

Business manager and data analyst with well-trained in one of the most global company. Highly skilled for analyzing data or issues and making a solution through collaboration and agreement process. A positive, self-motivated and boldly challenging person with “Work hard, Play hard” attitude.

### Project Experience

#### Developing mobile application using Flutter(Dart) and Firestore

Jan. ~ Apr. 2020

- Building flutter mobile application and store to Firestore, doing visualization

#### Project Manager in R2D2 project (Work-term)

Apr.29 ~ May. 31 2019

- Daily scrum meeting, product backlog based on Agile Method
- Goal : Making a new dome using 3D printer, moving panels / display(LED,LCD) using Arduino, Connection dome electronic parts with body, control by remote controller

#### Joined project with outsourcing company, dealing with network data (during semester)

Jan. ~ Apr. 2019

- Researched and Analyzed data, Linear regression using R, tried to make a prediction model

### Business Experience

#### NSCC Research Assistance in Applied Research Department

2019. 07 ~ Ongoing

- Food Price Index Project, Data analytics

#### SAMSUNG Electro-Mechanics, South-Korea

2004 - 2014

#### Business Planning Manager - Planning Group

2008 - 2014

- Organize and manage conference meeting for board of directors and follow-up action plan
- Analyze pending issues and make plans to improve, then report to executive
- Mediate within departments and clinch an agreement
- Make a document for quarterly earnings announcement
- Manage history, business performance data of division

**Accomplishments: Successfully contributed to make executives effective decision by supporting needed analyzed data and materials. Clinched a good agreement within departments. Supporting all kinds of things to executives to lead a business without lack of efficiency.**

#### CS and Quality Analyst - Quality Group

2004 - 2008

- Fulfill to customer's needs and discuss a countermeasure when quality issue is occurred
- Manage all documents related customer such as specification of quality inspection, MSDS
- Arrange a schedule in advance and respond requirements for customer visits
- Analyze quality data using SAP , define problem and make solution through collaboration

**Accomplishments: Increased yields and improved quality by analyzing quality data. Fulfilled customers by supporting all the matters what they need.**

## Education

### Nova Scotia Communication College (Canada)

#### Diploma of IT Data Analytics

2018 – ongoing(~2020)

- 1<sup>st</sup> year includes (Sep.~ Apr.2019) :
  - Business Analysis(Agile Method, Use case, Swimlane)
  - SQL (MariaDB), Transactional Database(MS)
  - Python using Visual Studio, JAVA using Eclipse, JAVA Swing
  - Linux, HTML and CSS, Statistics using R (Analytics software)
- 2<sup>nd</sup> year includes (Sep.~ Apr.2020) :
  - Oracle Database(Data Modeling, Data movement), PLSQL, Oracle database using Linux system
  - Client side programming(Java Script), Mobile App Dev(Android)
  - Data visualization(Tableau), Data security, Ethics and Laws

#### Oracle On-line Course

- Java Foundation, Database Foundation

Jan. ~ Mar. 2019

### Pukyong National University (Korea)

#### Bachelor of Electronic-Telecommunications

2000 - 2004

GPA 3.94/4.0

- Comprehensive program includes: Electromagnetics, Electronic Engineering, Digital Circuits, Data Communications, Digital Communications, Signal and Systems, Electronic Circuits, Databases

## Awards & Activities

#### SAP visualization competition (Wind energy)

Dec. 2019

#### UNB Data visualization competition (Gender Injustice)

Nov. 2019

#### IBM Badge & Certificate

- Python for Data Science (PY0101EN), Data Science Foundation – Level1(DS0101EN)
- R 101 (RP0101EN), SQL and Relational Database 101 (DB0101EN)

#### NSCC International Student Ambassador

Jan. 2019 ~

#### Blockchain Seminar and Hacker-A-Thon : idea for food tracking system

(May 22 ~ May 26 2019)

#### Innovation Challenge Halifax Team38 : idea for transportation

(Sep 27 ~ Sep 28, 2019)

#### Challenge Nova Scotia Team 18

2018

- What could we do to ensure innovators have the opportunities, drive and support they need to
- Suggestion: Creating Website for startup, matchmaking program between entrepreneur and investor, Giving Incentives (First year tax break, tax deduction for a certain limit, write off debt)

#### Award for professional employee in Samsung Electro-Mechanics

2013

#### BK21(Brain Korea) scholarship

2000 - 2004

#### Volunteer Activities

- Personal Disaster Assistant Responder at Canadian Red Cross (Aug, 2019 ~)
- Bluenose Marathon Volunteer(keeping and arranging runner's luggage (Jun, 2019)
- NSCC Group Volunteers(Canada) : Feed Nova Scotia, Warehouse Assistant (Nov. 2018, Mar. 2019)
- Discovery Centre's Halifax Waterfront Shoreline Cleanup (May 18<sup>th</sup> , 2019)