



HYEJUNG BAE (CATHY BAE)

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Profile

Data and business 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 Dream Analytic mobile application using Flutter and Firestore (Database) Jan. ~ Apr. 2020

- Built flutter mobile application and store to Firestore, doing visualization to meet stakeholder's need
- Created various types of proper chart per data so that made it easier to understand about user's dream

Analyzing college funding data Jan. ~ Feb. 2020

- Compared school funding data to schools in other provinces
- analyzed internal funding trend based on various factors such as campus, fund organization, project leader so that to help them to see how it is going and where to improve it.

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 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 Jul. 2019 ~ Mar. 2020

- Compared school funding data to schools in other provinces, analyzed internal funding trend based on various factors such as campus, fund organization, project leader.

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

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
- 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

Sep. 2018 – May. 2020

- 1st 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)
- 2nd 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 18th , 2019)