Byoungwoo Kang

kang947@hotmail.com | 514-659-5908

QUALIFICATIONS

- Data **collection**: surveys, interviews, and participant observation
- Data **analysis**: descriptive statistics, correlation and regression
- Report **writing** based on original research and secondary data collection
- Deep understanding of diversity dimensions including bureaucracy, institutional relation, policy-making procedures.

Programming experience with: Java, C++, JavaScript, PHP, MySQL, HTML, CSS
Familiarity with: Python, C, Prolog, Ruby on Rails, Lisp
Tools and frameworks: Git, Linux, Microsoft, Eclipse, CLion, IntelliJ, XAMPP, jQuery, Webstorm, NetBeans, MAMP, SPSS(stat), Firebase

Languages: English, Korean, French (conversational)
GPA: 3.5/4.3

EDUCATION

B.A. Sociology, Minor in Computer Science   Jan. 2015 – Dec. 2017 (Expected)
Concordia University, Montreal, QC

DEC in C.A.L.L Cinema and Communication   Aug. 2011 – Dec. 2014
Dawson College, Montreal, QC

Coursework included Social Inequality and Institutions, Sociology of Law, Political Socioogy, Culture and Cognition, Sociology of Crime and Deviance, Social Control, Urban Sociology, Classical Theory of Sociology, Social Movement, Social Construction of Sexuality, Symbolic Anthropology, Ethnic Relations, Social Stratification, Democracy and Consumerism, Statistics I, Statistics II, Research Methods, International Relation, Contemporary Issues of Human Rights, Sociology of Cyberspace
Data Structure and Algorithms, Principle of Programming Languages, Web Programming, Theoretical Computer Science, Object-Oriented Programming

PERSONAL PROJECTS

"Analogy of Cybernetic and Human Consciousness"   Jan. 2017 – Feb. 2017
- interrogates the connection between temporality, memory, and reason in cybernetic models of mind to discern a historical shift in knowledge and governmentality(of Foucault).
-

Battleship Game(Java)   Jan. 2017 – Feb. 2017

- Object-oriented design that promises interaction between the user and the computer
- Appropriate use of design of classes, encapsulation of methods and instance variable

Concordia Univ. Payment System(Java) (Team of 2)   May. 2017 – Apr. 2017
- Mimicking university payment interface that calculates salaries based on job entities
- Use of File I/O concept to import faculty data from text files
- Implemented custom ArrayList and LinkedList classes to organize and manipulate the data

ISBN Inventory Interface(Java)   Feb. 2017 – Mar. 2017
- Detecting duplicates in existing data and handle it with Exception Handling.
- Book search algorithms

Apartment Search Website(JavaScript,PHP,CSS,HTML)   Mar. 2017 – Apr. 2017
- Built the front-end in HTML, CSS and JavaScript interaction with the server-side via PHP
- Front-end built with HTML&CSS; Javascript interaction with the server-side using PHP

EXPERIENCE

Guest Speaker, Concordia Graduate Physics Association   Nov. 2017
Montreal, QC
- Data Structure and Algorithm

Social Research conductor, Concordia University   Apr. 2016 – Aug. 2016
Montreal, QC
- "Asian immigrants' political retreatism and its correlation to transnationalism"
- Qualitative research methods, in-depth interviews, adequate sampling procedure
- https://drive.google.com/drive/folders/0BwHdpTBZx9KaRWF1LUZrQjdzRXc?usp=sharing

Volunteer, Startupfest2017   July 12-5, 2017
Montreal, QC
- Helped promote the start-up *Kopi* by managing the booth and pitching to investors and the public

*References furnished upon request.