# Junkyu Park

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https://joon3216.github.io/

## Education

**H.B.Sc.: statistics specialist and math minor** (GPA: 3.83)                          Jun 2019
University of Toronto

## Experience

**Assistant Squad Leader** (Sergeant)                          Oct 2014 - Jul 2016
The 15th Infantry Division, Republic of Korea Army                          1 year 9 months

- deployed the second time to the General Outpost from Jun 2016 until discharged
- assumed the position of Assistant Squad Leader as of Dec 2015 until discharged
- deployed to the 38th Regiment's General Outpost from Sep 2015 to Feb 2016

## Skills

**Data analysis**
- Data manipulation
  - aggregating, reshaping, and tidying
- Data visualization
- Regression analysis
- Statistical computations
- Quantitative methods

**Languages**: English, Korean

**Technical**: Git, Google Analytics

**Programming**
- Some knowledge of HTML and CSS
  - currently maintaining joon3216.github.io
- PostgreSQL (moderately familiar)
  - able to use keywords such as `unnest`, `array`, and `information_schema`
  - able to join tables and write subqueries
- Python (competent)
  - currently maintaining `statspark` and `sudsoln` packages
- R (proficient)
  - currently maintaining `funpark` package

## Projects

**Modeling**

- credit card fraud detection
  - built statistical models and provided analysis of data to detect fraudulent credit card use
  - expected to achieve an accuracy of 97.105% and a true positive rate of 87.204% for every 6-hour worth of transaction data with a current model

**Dashboards**

- test