

# HUDSON ASH



# DATA SCIENTIST

## EDUCATION

### University of Waterloo

*Bachelor of Mathematics*

Aspiring major in Stats, minor in Computer Science.

### Wilfred Laurier University

*Bachelor of Business Administration*

Aspiring to major in Entrepreneurship.

## SIDE PROJECTS

### NBA Timeout Analysis

Scrape data from NBA.com and analyzed the effectiveness and situation of timeouts in the NBA using k-means classification and visualizations in Tableau. Improved machine learning in Python.

### NHL Team Compositions

Data from NHL.com is filtered to classify forwards and defensemen into player types and determine if the composition of player types indicate success in the regular season. Improved skills in data mining, data analysis, and databases (see GitHub for code)

### Waterloo Student Housing Sorting

Under progress using Facebook API, AMA!

## EXTRAS

### Hackathons

Winner of 2017 ASA DataFest by using a neural network to identify undervalued hotels

### Case Competitions

Finalists in a school-wide IKEA sustainability case competition. Semi-finalists in school wide ICE week. Improved presentation and case analysis

### School Involvement

Intramurals for floor and ice hockey, volleyball, and basketball. Regular member of Data Science club including a Kaggle team and uW improv club

## EXPERIENCE

### Associate Data Scientist

PwC Canada

(Jan '17 – Apr '17)

Developed an internal system to aggregate, create, and visualize all Canadian performance data, developed a Qlik dashboard for a client's financial department. Developed skills in Qlik, Tableau, Python, and working with clients.



### Data Analyst

Gowling WLG

(Feb '16 – Present)

Created a database of ~ 1.75 million entries of Canadian trademarks. Provided Qlik dashboard used by partners for competitive intelligence. Improved skills in Pandas, statistical analysis, presentations



### Camp Counselor

Camp Otterdale

(Summers of 2012, 2013, 2014)

Machine learning (buzz saw, carabiners, composite bows), linear programming optimization (scheduling activities), and generic search (hide & go seek). In honesty, this is my favourite job where I developed strong interpersonal skills and many of my passions



## TECHNICAL SKILLS

**Expert:** Python | Qlik | PowerPoint | Excel

**Intermediate:** C | Git | Tableau

**Learning In School:** R | SQL | C++ | Django

## INTERESTS & MYSELF

Hot Sauce | Basketball | Machine Learning  
Kygo | Hockey | Space Exploration  
Lorde | Guitar | Volleyball | THIS JOB!

Thank you for reading through the resume. In summary, I am extremely interested in a data science position where I can apply my experience in business (sustainability and entrepreneurship), math and CS!



hash@uwaterloo.ca



(519) 569-1284



github.com/hudsonash