

# Carl W. Handlin

## Data Scientist / Machine Learning Engineer

Over 6 years of experience in the area of Data Science and Machine Learning. Master's degree in Computer Science and B.E. degree in Engineering Physics from the University of Tecnológico de Monterrey. Unix enthusiast and python/R programmer with experience in data extraction, data parsing/filtering, feature engineering, data visualization, unsupervised/supervised learning, deep learning, evaluation and deployment. Ability to develop and implement models and algorithms to large a scale production environment. Co-founder and organizer of the Monterrey Data Science and Engineering group, and current organizer of the Data Pub meetup in Mexico.

## Experience

### Head of Data Science - @Chubb Nov '19 - Jul '20

Chubb is the biggest property and public liability insurer that trades on the stock exchange. As the Head of Data Science for the Mexico region, my role was to bring Chubb into the digital realm by developing the data science team, improve the processes for extracting insights from data and creating machine learning models to help improve other areas of the company, from customer propensity and churn to claim and underwriting fraud.

### Lead Data Scientist (Consultant) - @Raken Apr '19 - Nov '19

Raken is an information technology consultancy with more than 20 years of experience in data management, data analysis, business intelligence in different industries and world-renowned companies. As a consultant to Data Scientist, my role is to provide our clients with an analytical framework, tools and knowledge for the implementation of a successful analytical process especially in finance, retail sales and logistics.

### Machine Learning Engineer

#### /Senior Data Scientist - @Konfío Jun. '16 - Apr '19

Konfío is an online lending platform for small businesses in Mexico that uses transactional data for rapid credit assessment. As a Data Scientist I am in charge of developing, deploying and managing credit score models that handled thousands of customers applications. These models were trained by using inside and outside information for optimizing growth with a healthy portfolio of customers.

## Education

### Tecnológico de Monterrey '15

Master of Science (MSc), Computer Science.

### Tecnológico de Monterrey '12

Bachelor of Applied Science (B.A.Sc.), Engineering Physics.

### Aalto University (Helsinki, Finland) '11

Exchange student for the period 2011.

## Certificates

### Coursera (John Hopkins University) '15

Data Science Specialization

### Coursera (Stanford University) '15

Machine Learning Specialization

### Coursera (University of Illinois) '14

Cloud Computing Specialization

## Personal Info.

### Phone

+52 1 (811) 790 45 44

### E-mail

cwallaceh@gmail.com

### LinkedIn

<https://www.linkedin.com/in/carlhandlin/>

## Skills

- Machine learning
- Statistics
- Experimental design
- Data mining
- Numerical analysis
- Cloud (AWS, Google Cloud)
- Business intelligence
- Reporting and visualization

## Software

### Scripting:

- Python
- R (Statistical Software)
- MATLAB/Octave

### RDB/NoSQL:

- SQL (MySQL, PostgreSQL)
- MongoDB

### Data Analysis:

- Pandas
- PySpark
- SciPy

### Modeling:

- Scikit-learn
- Pytorch

### Visualizing:

- D3.js (Javascript lib)
- Tableau