Philip Garabandic

For more information about me visit: **philipphil.github.io**

Montreal, Quebec, Canada
+1 (514) 602-1288
philipgarabandic@gmail.com
linkedin.com/in/PhilipPhil
github.com/PhilipPhil

EXPERIENCE

Morgan Stanley, Montreal — *Support Analyst*
January 2019 - *Current*

Worked in enterprise technology & services as a Production Support Analyst. Responsible for ensuring optimal performance and stability of applications across multiple product lines at Morgan Stanley. Technologies and skills utilized: linux, sever systems, database systems, network systems, financial markets, and programming in SQL, Python, and Bash.

Mthree, Montreal — *Alumni Associate*
October 2019 - *Current*

Mthree consultant based at Morgan Stanley. Mthree is a talent partner that trains and hires professionals for enterprises focusing on technology & business operations.

AM Blockchain, Remote — *Data Analyst Consultant*
May 2019 - October 2019

Used python to create data visualizations and presentations to advise startups based in Southeast Asia on how to improve their advertising pipelines.

EDUCATION

The University of British Columbia, Bachelor — *Math and Statistics*
May 2015 - May 2019

Obtained GPA: **A- average** or **3.7 GPA**

The National University of Singapore, Exchange— *Math, Statistics, and Computer Science*
August 2018 - May 2019

Received the Lee Foundation Award scholarship for full year of tuition.

PROJECTS

Fashion Match — *Java Desktop Application*
Fashion Match is a closet storage management desktop application that also helps you dress properly. The app was created this from heavily morphing an existing Java based address book application.

Buses 'R Us — *Java Android Application*
Buses 'R Us is a map application that marks stops and bus routes on the Greater Vancouver Transit system (Translink), retrieves real time arrival information at stops, plots the user's location on the map, and highlights the nearest stop.

Taskmaster — *Website With SQL Database*
Taskmaster is an online marketplace that matches laborers with employers, allowing consumers to find immediate help with everyday tasks, including cleaning, moving, delivery, and handyman work. Database and interface built from scratch.

BoxInvaders — *Java Desktop Game*
BoxInvaders is a Java game created with only Java Libraries and no game engine. The game has 4 levels which are rotated through. The objective is to get a high score by dodging the bad boxes for as long as you can.

Predict Future Sales of 1C Company — *Machine Learning Python*
This project deals with a challenging time-series consisting of daily sales data. The objective is to predict total sales for every product and store pair for the next month. Got RMSE score of score 0.89388 training ensembling several machine learning models.

IEEE-CIS Fraud Detection — *Machine Learning Python*
This project deals with over 1 million transactions with over 400 columns. The objective is to predict fraudulent transactions. I got an AUC score of 0.929 from ensembling several gradient boosting models. Placed 245th out of 6380 teams.

SKILLS

Java
Python
R
MATLAB
SQL
Linux & Unix
Bash
Git & GitHub
Sourcetree
JavaScript
HTML5
CSS3
Microsoft Excel

KEY COURSES

Applied Data Mining
Bayesian Statistics
Computational Statistical –
Methods
Time Series Forecasting
Regression Analysis
Statistical Inference
Stochastic Processes
Probability

Machine Learning
Algorithms I & II
Database Systems (SQL)
Software Engineering
Software Construction

Linear Programming
Nonlinear Programming
Discrete Optimization
Applied Linear Algebra
Differential Equations I & II
Mathematical Analysis I &II

Corporate Finance
Microeconomics
Macroeconomics

COURSERA CERTIFICATES

How to Win a Data Science
Competition

Introduction to HTML5
Introduction to CSS3
Interactivity with JavaScript
Advanced Styling with
Responsive Design

LANGUAGES

English native proficiency

Serbian full professional
proficiency

Croatian level B1 Certified