KEVIN PHAN

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I'm an aspiring entrepreneur looking to implement my skillsets and expand my horizons in the field of Machine & Deep learning.

EDUCATION

2014 - 2017	B.A (Specialized Honors), Experimental Physics & Economics - York University (Magna Cum Laude)
2017 - 2018	Graduate Certificate, Data Analytics, Big Data & Predictive Analysis – Ryerson University
2018 - 2019	Google Cloud Certified – Professional Data Engineer

TECHNICAL SKILLS

N/A

- Experience with RDBM and NoSQL systems such as *SAS, MySQL, PostGresSQL & MongoDB.*
- Fluent in *R (R Studio)* using packages such as *caret, e1071, ggplot, rpart, class, stringR & party*.
- Fluent in *Python (ML/DA)* using packages such as *NumPy, Pandas, Scikit-Learn & MatplotLib.*
- Experience in Big Data tools such as *Redshift*, *Apache Hadoop, Apache Hive, Kafka, Pig* & *Spark.*
- Knowledge in *Dash*, *Node.JS*, *ReactJS, Git, HTML/CSS and Redis, flask and django.*

WORK EXPERIENCE

02/2019 - PRESENT

Plotly (Montreal, QC)

Software Engineer - Dash Core (02/2019 – 09/2019)
- Part of the core team that was behind building Dash for R; a web app framework by Plotly.
- Responsible for integration testing, implementing new features in DashR and building the first web applications under the DashR framework (can be viewed at https://dash-gallery.plotly.host/Portal/).
- Played a major role in creating user documentation for DashR users. (Can be viewed at https://dashr.plot.ly/).
- Created a React/NodeJS website & embedded a Dash App with JWT; Plotly's first example without IFrames.

Software Engineer – Dash Solutions (09/2019 – Present)
- Lead of *Dash Live Weekly* and speaker at the *CSCDS Data Science Expo*.
- Created custom web apps for clients using *ReactJS, Dash, Flask, Node, Redis, Celery and Kafka*.
- Experience with integrating database & storage technologies in apps such as *PostGres*, *AWS S3* and *SQLlite*.
- Lead projects with cloud migration (AWS: S3) & custom app development with Bank of Canada and Eonix.
- Additional technologies used include GraphQl, Apache Livy, MySQL.

07/2018 - 02/2019

Data Scientist (Machine Learning) – Wavemaker (Toronto, ON)
- Created (un)supervised & reinforcement Machine learning algorithms for predictive modelling, clustering analysis and classification learning techniques in *R and Python. (R Studio, Spyder & Jupyter)*
- Projects include regression modelling for Molson & Mitsubishi & Spectral Clustering for GroupV Media.
- Created automation scripts in *R* and *SQL (Sqldf* in R) for file extraction, csv data querying and BCRs.
- Created a full stack app using node.js for API calls and callbacks.
- Utilized *Tableau & Datorama* for KPI visuals & Dashboard reporting & also created custom UIs in *R shiny*.

06/2017 - 07/2018

Data Scientist – Royal Bank of Canada (Toronto, ON)
- Used SQL for DB querying of client sensitive strings such as client / GL numbers and transaction IDs.
- Participated in a Quality Control Project where I utilized *HiveQL, Spark & Pig* to perform Natural Language Processing for operator thread comments to ensure customer service standards are met.
- Utilized proprietary platforms for fraud investigations such as Siebel, Iris (image search engine), OnDemand and PDA in order to locate and source wire, www transfer and RFX Deposit account destinations.

PROJECTS & VENTURES

12/2018 - PRESENT

Founder / CEO – Apoline Analytics (www.apoline.io –under construction)
- Apoline Analytics is a data and technology startup that specializes in providing companies with machine/deep learning, Big Data Analytics & the adequate technical bandwidth to sustain operations.
- The startup has been self-funded thus far with client engagements with BOGO and Trainer+.