

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), Mathematical 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	<p>Plotly Technologies (Montreal, QC)</p> <ul style="list-style-type: none">● Software Engineer (Web) (02/2019 – 08/2019)<ul style="list-style-type: none">- 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/).- Daily usage of github / Git and experience with algolia & rest APIs (ie simple salesforce)● Forward Deployed Engineer (08/2019 – Present)<ul style="list-style-type: none">- 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 SQLite.- Lead projects with cloud migration (AWS: S3) & custom app development with Bank of Canada and Eonix.- Serve as a sales engineer on calls with fortune 500 companies.
07/2018 - 02/2019	<p>Data Scientist (Machine Learning) – Wavemaker (Toronto, ON)</p> <ul style="list-style-type: none">- 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	<p>Data Scientist – Royal Bank of Canada (Toronto, ON)</p> <ul style="list-style-type: none">- 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	<p>Founder / CEO – Apoline Analytics (www.apolineanalytics.com)</p> <ul style="list-style-type: none">- 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+.
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