LILA KELLAND

DATA SCIENTIST

✉ lila.kelland@gmail.com
☎ 613-614-3227
📍 Ottawa, ON
in lila-kelland/
⌂ LilaKelland

Data scientist with a passion for making and learning. Skilled in problem finding and solving. Outdoor enthusiast.

Skills

MACHINE-LEARNING
Sckit-Learn
tensorflow/Keras
NLTK
Pre-Processing

DATA WRANGLING
NumPy
Pandas

PROGRAMMING
Python
REST API
SQL
MongoDB
Swift

TOOLS & PLATFORMS
Docker
AWS
Jupyter
VS Code

DATA ANALYSIS
Data Visualization
Data Cleaning

Education

Lighthouse Labs	Sept. 2021 to Current
Diploma Data Science	
Carleton University	1999 to 2005
Bachelor Aerospace Engineering	
Minor Psychology	
University of Ottawa	2005 to 2006
Bachelor Education	

Employment

"at-home" — Ottawa, ON, San Francisco, CA, Halifax, NS
Parent — Apr. 2009 to Current
- Collaborated with subject matter experts in conjunction with recent research and best practices to raise three children through their critical developmental years. Achieved MVP within 2 years, and societal approved success metrics at the current project stage.
- Executed scientific method to determine best approach for each child.
- Accumulated over a decade of debugging experience (literally and figuratively), generating solid foundational problem solving skills.

Mxi Technologies — Ottawa, ON
Solution Analyst — 2007 to 2009, May 2007 to Apr. 2009
- Delivered SQL and Data Modelling training internally, and internationally to clients.
- Facilitated workshops to collaborate with the client as the Lead Baseline Design and Data Migration Analyst
- Provided clarity on how the data would impact software operation through communication and documentation.

Projects

FINAL PROJECT LHL — Nov. 2021 to Current
Tools: Python, Scikit-Learn
Algorithm :TBD
Dataset: TBD
Results:

UnBurnt — May 2020 to Current
Tools: Python, C++, REST, MongoDB, Swift, Docker, IoT, APNS
- Created an iOS app that will alert you when, or before the food on your BBQ is burning; using sensor data, timers and a state machine.
- User is aware of the cooking state through push notifications, or through data visualizations via the app's interface
-Achieved desired outcome of successfully smoking ribs on the BBQ without over or under-heating.

Papaoutai — Nov. 2020 to Current
Tools: Python, BLE, C++, REST APi, postgreSQL, Swift, Docker, IoT
- Created an app, using bluetooth low energy, that gathers data, providing statistics and data visualization of time spent in the bathroom.
- Built in the dark days of the pandemic when we were all stuck together and hiding was both required for mental wellbeing, and a problem for parenting equity
- Achieved desired outcome of greater co-parental involvement with less time spent in bathroom.

Custom Section 1

Marathon runner, canoe tripper, sewist, native pollinator gardener. Please see my LinkedIn page for more interests and details on my work experience in the before times.