

Edward Le – Jr. Data Scientist/Emissions Analyst, Licker Geospatial Consulting Co.



Education

MM, UBC Sauder School of Business, Vancouver, BC, 2022

B.Sc. Environmental and Computer Science, University of British Columbia, Vancouver, BC, 2021

Employment History

LICKER GEOSPATIAL CONSULTING CO. – Vancouver, BC – Jr. Data Scientist/Emissions Analyst (Oct. 2023 to Present)

PLANVIEW – Vancouver, BC – Software Engineer I (Feb. 2022 to Sept. 2023)

UBC – Vancouver, BC – Research Assistant/Lab Manager (Jan. 2020 to Apr. 2022)

NRCAN-CFS – Ottawa, ON – Climate Change Analyst – Co-op (May to Aug. 2019)

ECCC – Gatineau, QC – Junior Policy Analyst – Co-op (Jan. to Apr. 2019)

Expertise

- Java, Python, R, SQL, Git
- Data Wrangling and Analysis
- Report Writing and Analysis

Biography

Edward Le is a Jr. Data Scientist/Emissions analyst who is passionate about leveraging digital technologies to solve sustainability problems. He has a diverse educational background with a B.Sc. in Environmental and Computer Science and an M. Management, both from UBC.

Edward has experience in both public and private sectors working as a policy analyst, research assistant, software engineer, and more. Since joining LGeo in October 2021, Edward has acted as an analyst, developer and emissions modeller on emissions inventory and policy evaluation projects.

Select Project Experience

Publications

- Drever, C. R., Cook-Patton, S. C., Akhter, F., Badiou, P. H., Chmura, G. L., Davidson, S. J., Desjardins, R. L., Dyk, A., Fargione, J. E., Fellows, M., Filewod, B., Hessian-Lewis, M., Jayasundara, S., Keeton, W. S., Kroeger, T., Lark, T. J., Le, E., Leavitt, S. M., LeClerc, M.-E., ... Kurz, W. A. (2021). Natural Climate Solutions for Canada. *Science Advances*, 7(23). <https://doi.org/10.1126/sciadv.abd6034>
- Le, E., Janssen, J., Hammond, J., & Ameli, A. A. (2023). The persistence of snow on the ground affects the shape of streamflow hydrographs over space and time: A Continental-scale analysis. *Frontiers in Environmental Science*, 11. <https://doi.org/10.3389/fenvs.2023.1207508>

Sustainability Projects

- Evaluated sustainability metrics for the LiteFarm farm management app as part of a UBC capstone project (Sept 2020 – April 2021); <https://open.library.ubc.ca/soa/cIRcle/collections/undergraduateresearch/52966/items/1.0397466>
- Explore LMDI metrics for sustainability reporting with Environment and Climate Change Canada (January – April 2019)

Computer Application Development

- Lead development efforts for OAuth2 authentication in Microsoft Project, custom field API support, and nightly build analysis for Planview (Feb 2022 – Sept 2023)
- Overhauled economic model from Excel to Python with the Canadian Forest Service (May-August 2019)



Licker
Geospatial
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