

**Tim Cashion**

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<http://timcashion.github.io>

## PROJECTS

- Vancouver's Data Science Market
  - <https://towardsdatascience.com/vancouver-data-scientist-market-24c43307d784>
- Economic Value of Pacific Herring in the Strait of Georgia - Prepared for Pacific Wild
  - <https://timcashion.github.io/PacificHerring/>

## EDUCATION

- **Doctorate of Philosophy in Fisheries and Oceans**
  - September 2017 - 2020 (Expected) - University of British Columbia; Vancouver, BC
  - Econometric modeling of fishery eco-labeling programs with regression discontinuity design
  - Aligning fisheries satellite data with threatend species ranges for low-cost conservation
- **Data Scientist in Python Stream**
  - 2016 - 2017 - DataQuest including over 30 courses (~240 hours)
- **Master of Environmental Studies**
  - September 2013 - June 2015 - Dalhousie University; Halifax, NS (GPA 4.2/4.3)
- **Bachelor of Arts - Honors Double Major in Global Development and Biblical Studies**
  - September 2009 - April 2013 - Huron University College; London, ON (GPA 3.8/4.0)

## RECENT WORK EXPERIENCE

- Independent consultant January 2017-Present
  - Delivered data driven analysis to NGOs focusing on fisheries economics
- University of British Columbia September 2019-Present
  - Master's of Data Science Teaching Assistant. Courses: Communication and Argumentation; Regression I; Feature engineering and Model Selection.
- University of British Columbia October 2015-July 2017
  - Senior Research Assistant for the *Sea Around Us* project. Data cleaning and manipulation, updating and querying SQL database, and web scraping. [www.seaaroundus.org](http://www.seaaroundus.org)

## SKILLS AND LANGUAGES

- Data visualization including plotly, ggplot2/plotnine, and matplotlib
- Causal inference, econometrics, and data wrangling
- Proficient: R, Python, SQL
- Basic knowledge: HTML, CSS, Git

## SELECT PUBLICATIONS

1. **Cashion, T.**, de la Puente, S., Belhabib, D., Pauly, D., Zeller, D., & Sumaila, U. R. (2018). Establishing company level fishing revenue and profit losses from fisheries: A bottom-up approach. *PloS one*, 13(11), e0207768.
2. **Cashion T.**, Le Manach, F., Zeller, D., Pauly, D. (2017) Most fish destined for fishmeal are food-grade fish. *Fish and Fisheries*.

## SELECT AWARDS

- Social Sciences and Humanities Research Council's Doctoral Fellowship – 2017 - 2021
- University of British Columbia 4-Year Fellowship – 2017 - 2021
- Nova Scotia Graduate Scholarship – 2014
- Social Sciences and Humanities Research Council's Joseph-Armand Bombardier Canada Graduate Scholarships – 2013