

FALLYN THOMPSON

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HIGHLIGHT OF QUALIFICATIONS

- 9+ years professional experience specializing in data science, data visualization, and project management
- Proven track record distilling complex data into clear, accessible data visualizations
- Fluent in English and French, 1 year of Spanish

TECHNOLOGY:

Data Visualization:

Plotly, Seaborn, Tableau, Power BI, Adobe Illustrator, Adobe Photoshop

Coding & Markup Languages:

SQL, Python, VBA

Statistics:

Minitab, R, Stata, SPSS

Other:

Big Data and Cloud platforms (Amazon Web Services, Google Cloud)

Other2: Hadoop, Spark, Hive

Other3: Git, WordPress, Drupal, Salesforce: CRM

PORTFOLIO:

- Future of Good Top 100 Recovery Project Award 2020; CanWaCH Project Explorer tool
<https://100recoveryprojects.futureofgood.co/sdg/the-canwach-project-explorer/>
- Women Deliver Conference 2019; Developer and Presenter of the CanWaCH Analytics Portal tool
<https://canwach.ca/data-exchange/global-snapshot/>
- Available Upon Request:
 - Bespoke data visualizations and dashboards
 - GitHub Repositories
 - Translation writing samples in EN & FR
 - Research reports and surveys

PROFESSIONAL EXPERIENCE

BrainStation, Vancouver, British Columbia

Promotion: Educator, Data Scientist

July 2022 – Present

Associate Educator, Data Scientist

July 2021 – June 2022

- Deliver the 12-week Data Science Diploma program, specializing in querying and programming languages (SQL, Python, R) and visualization tools (Tableau, Python packages)
- Produce and update new lesson and solution files for the Data Science Program curriculum; lessons contributed to date include working with Big Data (Hadoop, Spark, Hive, AWS EMR), time series, CNNs, Scripting etc.
- Engage Scrum Agile Methodology using Jira to manage complex projects and facilitate cross-team collaboration
- Troubleshoot and set-up machine learning environments on Microsoft Windows, Mac OS X, and Linux

The Canadian Partnership for Women and Children's Health (CanWaCH), Vancouver, British Columbia

Global Health Metrics Officer

October 2018 – April 2021

- Lead data scientist of the CanWaCH PostgreSQL database(s), hosting and information architecture remediation project; managing contract developers working in JavaScript, HTML, Python, Go, CSS, PLpgSQL, Shell, PHP, Groovy, Java, YAML and other
- Junior database administrator responsible for the set-up of the CanWaCH remote PostgreSQL server (using PuTTY and DBeaver), GitHub, Tableau Online, Tableau Public and Google Cloud (GCP)
- Software developer of the CanWaCH bilingual Analytics Portal powered by Tableau
- Incorporated data dissemination principles and user-centric design into the CanWaCH Data Strategy 2020-2025; connecting the sector with low-barrier to entry data tools to facilitate data sharing and ensure technology optimization across platforms
- Published bilingual MEL documentation and research reports ranging from the Analytics Portal Methodology and SOP to customized quantitative and qualitative disaggregated evaluations; for audiences such as Global Affairs Canada, Global Canada, Guttmacher Institute, International Aid Transparency Initiative (IATI) and the CanWaCH Metrics Working Group

iData Research, Burnaby, British Columbia

Promotion: Business Unit Leader

October 2017 – May 2018

Promotion: Women's Health Senior Research Analyst

January 2017 – September 2017

Research Analyst

April 2016 – December 2016

- Manager of the Endoscopy business unit
- Led consulting projects on healthcare in Canada and international emerging markets

- Designed project research methodology and tools for data collection and analysis
- Produced online surveys, statistical models, dashboards, infographics and press releases
- Wrote quantitative and qualitative research reports, receiving consistent 10/10 client net promoter scores
- Established new sales pipeline and activity metrics, resulting in 100% department revenue growth from Q1 to Q2 2017

Independent Research Project, Vancouver, British Columbia

Dyspareunia - Provoked Vestibulodynia and Interstitial Cystitis Education

May 2014 – December 2015

- Researched multi-disciplinary treatments for dyspareunia encompassing psychoeducational, non-invasive and surgical treatment options
- Gained knowledge from healthcare specialists in Gynaecology and Urology; most notably:
 - Dr. Sydney Thomson, M.D., FRCSC – Gynaecology, Vancouver General Hospital
 - Dr. Joel Teichman, M.D., FRCSC – Urology & Interstitial Cystitis specialist, St. Paul's Hospital
 - Anniken Chadwick, Pelvic Health Physiotherapy and Acupuncture
- Participated in the UBC Department of Gynaecology and Vancouver General Hospital Multidisciplinary Vulvodynia Program (MVP)

Canadian Red Cross Society, Prince Albert, Saskatchewan

Program Assistant, Disaster Management (3 Month Grant)

May 2015 – July 2015

- Selected as a Shelter Supervisor during the 2015 Saskatchewan Wildfire Evacuation, the largest in provincial history
- Completed coding, expenses, and budget tracking for the Disaster Management department
- Applied monitoring and evaluation tools to solve program gaps, such as consolidating electronic records and writing Excel VBA macros to enable family reunification

Aon Reed Stenhouse, Inc., Vancouver, British Columbia

Promotion: Broker and Account Executive, Aon Global Client Network

November 2014 – March 2015

Account Coordinator, Aon Global Client Network

June 2013 – October 2014

- Managed sales and client portfolios for global commercial business, with premiums exceeding \$600,000
- Performed quantitative data analysis to develop custom programs, achieving improved client protection
- Issued legislation updates, advising on federal excise tax and trade regulations

International Zinc Association, Teck Resources Ltd., Vancouver, British Columbia

International Development Research Consultant

May 2010 - September 2010

- Conducted research and administrative support for UNICEF's Zinc Saves Kids campaign
- Contributed to the zinc subsidy legislation Nutrient Based Subsidization Scheme (NBSS), adopted by the Government of India, Ministry of Chemicals and Fertilizers
- Identified organizations with partnership potential, resulting in two joint programs expanding the Zinc Nutrient Initiative's distribution network
 - World Food Program "Mid-Day Meals" (MDM) Scheme
 - Re-branding the ZNI's campaign to primarily focus on healthcare instead of economic incentives, building a collaboration with the Government of India, Ministry of Health and Family Welfare
- Customized an interactive price quality matrix, providing a clear price vs. quality comparison of fertilizer options for consumers
- Authored two cross-cultural research reports, outlining methods for maximizing return on investment

EDUCATION

Canadian Risk Management Program, Honors 2015
Simon Fraser University, Vancouver, Canada

BA: International Development Studies, 2012
Double Minor: Economics and International Relations
McGill University, Montreal, Canada
*Activities: Varsity Synchronized Swim Team,
McGill Outdoors Club, Alpha Omicron Pi*

REFERENCES AVAILABLE UPON REQUEST