Kevin Dang

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SKILLS

Languages　　　Python, R, SQL, SAS, Stata, HTML, CSS
Software/Tools　PowerBI, Tableau, Excel, Denodo, GitHub, ArcGIS, LaTeX

EXPERIENCE

Medical Data Analyst
GLOBALDATA PLC

Sep. 2020 - Present
Toronto, ON

- **Automated** multiple steps for a **global medical device pricing tool**, including data cleaning & **winsorization** in **Python**, **pivot tables** & client files in Excel, reducing analyst hours by more than **50%**
- **Utilized Pandas in Jupyter Notebook** to create a data pipeline for multiple medical device markets in the pricing tool, increasing production speed and contributing a new methodology to the team
- Performed frequent health checks on the **Medical Intelligence Centre** and core databases to ensure that clients have access to the most accurate and latest information
- **Wrote articles and press releases** about topics related to the medical device industry to promote GlobalData's profile and capture the attention of news outlets

Junior Associate, Business Intelligence, Reporting & Analytics
EXPORT DEVELOPMENT CANADA

Jun. 2020 - Present
Ottawa, ON

- Performed **exploratory data analysis** on customer retention rates, working with the **tidyverse** in RStudio to create data visualizations and tables for the Senior Data Scientist
- **Created dashboards in PowerBI** and Excel to provide summaries of targets and results for senior management and clients
- Produced weekly financing reports and automated multiple steps by using macros, functions (**vlookup, index & match**) and running **SAS EG** projects & process flows
- **Mentored and provided guidance** to new interns, ensuring a seamless transition into their new role

Data Analyst
UNIVERSITY OF TORONTO - CENTRE FOR INDUSTRIAL RELATIONS AND HUMAN RESOURCES

Sep. 2019 - Jun. 2020
Toronto, ON

- Spearheaded data analysis portion of research project about agriculture worker wages led by **Dr. Greg Distelhorst**
- Performed **data cleaning** and **data wrangling** on millions of rows of data using the **dplyr**, **tidyr** and **lubridate** libraries
- Visualized relationships between variables and time trends with **ggplot2** using technical details and explanations geared towards a non-technical client
- Built a **data pipeline** in **RStudio** which took raw datasets as inputs to produce a consolidated file that is ready for analysis

Statistical Consultant
UNIVERSITY OF TORONTO - DEPARTMENT OF STATISTICAL SCIENCES

Sep. 2019 - Apr. 2020
Toronto, ON

- Wrote a report containing data analysis work in **RStudio** for a management consulting firm to answer business problems related to improving the health of users of their platform
- Completed a data analysis project to determine the effect of **auditory distraction on cognitive flexibility** for university students and made informed recommendations to improve study habits

Research Assistant
ROTMAN SCHOOL OF MANAGEMENT

May 2018 - Aug. 2019
Toronto, ON

- Worked with **Dr. Chris Liu** and a team of graduate students on projects about scientific publications and careers
- Queried scientific databases using **Python-based API-Wrappers**, built a **data pipeline** in **Jupyter Notebook** using **Pandas dataframes** and exported data for a collaborative research project with **Dr. Waverly Ding**
- Manipulated and merged large datasets in **Stata**, extracted desired information, cleaned data and generated new variables

EDUCATION

Dalla Lana School of Public Health, University of Toronto
MASTER OF SCIENCE

2021 - 2022 (Expected)

- Biostatistics

University of Toronto
HONOURS BACHELOR OF SCIENCE

2016 - 2020

- Applied Statistics Specialist, Mathematics Minor