

Akshat Thakur

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Education

Bachelor of Science: **Statistics** (with a thematic concentration in **Computer Science**) - 2017 to 2021

University of British Columbia, Vancouver

- Recipient of *International Merit Entrance Scholarship* and the *Outstanding International Student* award

Skills

Data Science and Analysis - R (tidyverse, ggplot2, dplyr, tidyr, caret), Python (Pandas, NumPy, SciPy, tensorflow, PyTorch, scikit-learn), SQL, BigQuery, Tableau, dbt, PowerBI, JupyterLab/Notebooks, Kibana (Elasticsearch), Pendo, Microsoft Excel
Languages - Java, JavaScript/TypeScript

Web - Vue, React, HTML, CSS

Tools/Frameworks - Git/GitHub, JUnit, Mocha/Chai, RESTful APIs

Other Relevant Skills - Googling, Natural Language Processing, Sentiment Analysis, Web Analytics, Agile Development, SDLC, Communication, Leadership, Creative Problem Solving

Experience

Data Analyst - January 2022 to Present

Clue

- Specifically, Data Analyst - Competitive Intelligence on the Data Operations and Insights team at Clue.
- Performed research, collected and analyzed data regarding engagement, trends, product features, and client satisfaction.
- Identified issues, brainstormed solutions at scale, and provided reports and insights to assist in product development, customer success strategies, and improvement in client engagement.
- Regularly worked with R, Python, BigQuery (SQL), dbt, and Kibana.

Student Data Analyst - September 2021 to January 2022

UBC Centre for Student Involvement & Careers + UBC Student Experience Evaluation & Research

- Prepared data for surveys essential to informing subsequent departmental programming.
- Conducted descriptive, inferential, and multivariate data analysis by running various statistical scenarios in response to articulated questions of interest from core units.
- Project involved a significant amount of data preparation, text analysis, developing advanced skills in both survey data management and statistical analysis in R, Python, and Excel, and effectively communicating data analysis results via impactful reports, dashboard, and visualizations.

Undergraduate Teaching Assistant - September 2019 to April 2020

UBC Department of Computer Science

- Taught for Introduction to Systematic Program Design (systematic problem solving with Python) and discussed numerous important computer science fundamentals such as code reviews, debugging, data structures, designing functions and programs, and data visualization.

Web Developer + Digital Marketing Consultant - April 2018 to January 2019

Travel Tales

- Developed a website using JavaScript, CSS and HTML, including e-commerce capability, specialized scripts, and RESTful web-apps built with Java, and provided digital solutions for a small Travel and Tourism business.
- Built, implemented, and updated effective SEO and advertising strategies on a limited budget, increased outreach and viewership by 70%, and obtained 20 additional customers.

Projects

Predicting Song Popularity - Linear Regression, Polynomial Regression, LASSO Regression, Random Forest Regression

NeutRal Milk Hotel (Audio and lyrical analysis) - Natural Language Processing, Sentiment Analysis, Web Scraping, Web APIs

Chronic Kidney Disease Prediction Model (>98% accuracy) - R (tidyverse, ggplot2, caret), Jupyter Notebooks

Scotiabank Hackathon 2019 (1st Place out of 15 teams) - Python, Java

- Assumed the role of *Product Manager* and team leader, and utilized product design, innovation, creativity, market research, statistics, tracking progress, delegation to design and implement three working proofs of concept for portable, VR-based games to be used for university campus hiring.

Leadership and Accomplishments

UBC Graphical and Architectural Design Club - President (2019 to 2020)

Jam for Justice, UBC Chapter - Vice President, Communications (2017 to 2018)

Published Author of two books (Blossom Fell, Till My Lungs Bleed) and several poems published in international magazines