

Sebastian Tk Cram

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Kia ora - greetings, my name is Tk. I'm a grad student who is on the lookout for new and exciting experiences. I'm deeply curious and always eager to learn. Skilled in wrangling large data sets, implementing efficient queries, and soaring through the air on a flying trapeze.

EDUCATION

Pratt Institute

MS Data Analytics & Visualization, Advanced Certificate in UX

Expected May 2023

📌 4.0 GPA

📌 Coursework includes: Data Analytics; Information Visualizations; Programming User Interfaces; Usability Theory & Practice

University of Auckland

Bachelor of Science

May 2014

📌 Logic and Computation

Victoria University of Wellington

Tohu Māoritanga

Nov 2009

📌 Māori Studies

SKILLS

Technical Skills

Excel	R
SQL	OpenRefine
Python	HTML/CSS
Tableau	JavaScript

Design Skills

InDesign
LaTeX
PhotoShop
XD

Languages

English (native)
Māori (native)
French

EXPERIENCE

Katoa Ltd.

Research & Data Analyst

Mar 2017 - Jul 2021

- 📌 Analyzed and summarized the results of over 50 interviews, collaborated to develop draft findings, and created the visualizations for the project resulting in co-authorship of “Awhi Mai, Awhi Atu [giving and receiving support]”. See Cram et al. (2021)
- 📌 Consolidated approximately 400 survey results, developed Tableau dashboards to showcase preliminary results, and collaborated with a team to submit results to Te Wairoa Housing Group. See Cram, F. & Cram, S. (2021)
- 📌 Built and maintained a custom data store to collect responses and analyze results, developed a data dictionary to provide documentation for the research team, and managed initial data entry for a longitudinal study exploring the effects of students and families that participated in the Māori and Pacific Educational Initiative (MPEI)

Data Analyst

Feb 2015 - Mar 2017

- 📌 Handled data entry of survey responses, developed a breakdown analysis of the results, and communicated frequently with the team to highlight points of interest in the dataset and ensure accurate reporting for a study assessing the living conditions of older Māori renters
- 📌 Sourced and reviewed articles using academic library collections, and summarized findings for the research team for studies on research topics such as HPV and recidivism

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EXPERIENCE (CONTINUED)

mORstaff

Freelancer

2018

- Developed a workbook to handle rostering and time tracking in Microsoft Excel to be used by client for scheduling nurses across the Auckland District Health Board

Foundation North

Administration Assistant

2017

- Contracted to support the project administrator of a grant making organization in Auckland
- Answered technical queries, handled data entry of applications into the database, filed correspondence, and managed social media presence

PROJECTS

New Zealand Bird Sighting Map

<https://ivs22.netlify.app/>

- An interactive visualization of bird sighting in New Zealand for January 2021
- Parsed over one million rows of raw bird data using Python, built an interface using D3.js to visualize the data, and conducted User Experience (UX) research sessions

Prattgeons and Pythons

<https://puis22.netlify.app/>

- A Dungeons and Dragons (DnD) inspired web application that allows users to generate a character and navigate through a maze, battling monsters along the way
- Built an interactive website that called a custom API to fetch maze and character data, and recreated key gameplay mechanics following DnD game rules using JavaScript
- Developed Python scripts to generate characters using the DnD 5e API data and create mazes using a randomised depth first search, and exposed both as endpoints using Flask

PUBLICATIONS

- Cram, F., **Cram, S.**, Munro, M. & Tawhai, S. (2021). Awhi mai, awhi atu: Giving and receiving support during the 2020 COVID-19 lockdown. Report for Building Better Homes, Towns and Cities, Affordable Housing for Generations, June 2021, Wellington: BBHTC.
- Cram, F. & **Cram, S.** (2021). Te Wairoa housing survey report. Prepared for Te Wairoa Housing Group. Auckland: Katoa Ltd.