Sebastian Tk Cram

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EDUCATION

Pratt Institute

MS Data Analytics & Visualization, Advanced Certificate in UX — Expected May 2023

- **4.0 GPA** Coursework includes: Information Visualizations; User Interfaces; Usability Theory & Practice

University of Auckland

Bachelor of Science — May 2014

- Logic and Computation (Philosophy, Computer Science, Mathematics)

SKILLS

Technical			Design		Languages
Excel	JavaScript	R	InDesign	XD	English (native)
SQL	OpenRefine	Tableau	LaTeX	Fresco	Māori (native)
Python	HTML/CSS		PhotoShop		French

EXPERIENCE

Pratt Institute

Technology Tutor — Sep 2022 - Current

- Provide consultation and guidance on technology resources at the Institute
- Aid students on technical aspects of their assigned work
- Operate technology labs and information sessions

Katoa Ltd.

Research & Data Analyst — Mar 2017 - Jul 2021

Awhi Mai, Awhi Atu

- A project on giving and receiving support during the New Zealand COVID-19 Lockdown
- Analysed and summarised the results of over 50 interviews
- Collaborated to develop draft findings
- Created the visualisations for the final paper

Te Wairoa Housing Survey Report

- A survey evaluating the current housing situation and needs in New Zealand's Wairoa Region
- Consolidated approximately 400 survey results
- Developed Tableau dashboards to showcase preliminary results
- Collaborated with a team to submit results to Te Wairoa Housing Group

Māori and Pacific Educational Initiative

- A longitudinal study exploring Māori and Pacific educational success
- Built and maintained a custom data store to collect responses and analyse results
- Developed a data dictionary to provide documentation for the research team
- Managed initial data encoding and entry

Experience (continued)

Katoa Ltd.
Data Analyst
Feb 2015 - Mar 2017
- Handled data entry and initial results of survey responses
- Sourced and reviewed articles using academic library collections
- summarised findings for the research team for future studies
- Project topics included Older renting populations, the HPV Vaccine, and recidivism

Silver Circle Productions
Manager and Circus Performer
Jan 2012 - Mar 2020
- Coordinated community events and training schedules
- Created and organised both shows in residence and live tours
- Provided instruction across multiple venues, mediums, and abilities
- Performed partner acrobatics, trapeze, dance, and other misc. skills

mORstaff
Freelancer
2018
- Developed a rostering workbook and time tracking for a health agency
- Created in Microsoft Excel to be used nationwide

Foundation North
Administration Assistant
2017
- Supported the project administrator of a grant making organization
- Handled technical queries, data entry and database management
- Filed correspondence and managed social media presence

Projects

New Zealand Bird Sighting Map
https://ivs22.netlify.app/
- An interactive visualisation of bird sighting in New Zealand
- Contains over 1 millions rows of data
- Built using D3.js and Python
- Refined using moderated user experience testing

Prattgeons and Pythons
https://puis22.netlify.app/
- Dungeons and Dragons (DnD) inspired browser game
- A Python component generates characters and monsters via an API
- Also generates a maze using a Randomised Depth First Search
- A JavaScript component renders it all on the page and allows the user interaction

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.