

# Sam Childerhose

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## Contact Info:

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## EXPERIENCE

### PocketHealth, Toronto — *Software Engineer*

MAY 2021 - DECEMBER 2021

- Implemented user interface for navigating health records
- Assisted in general maintenance & bug fixes using knowledge of Angular, Typescript and Go
- Implemented robust unit and integration tests
- Proficient in Postman API testing, used it extensively to validate RESTful APIs, ensuring smooth communication between frontend and backend systems.
- Actively participated in code reviews, providing constructive feedback to peers and ensuring adherence to best coding practices and company coding standards
- Leveraged Looker to analyze and visualize client & customer data, providing actionable insights for stakeholders and decision-makers
- Designed and implemented an efficient ETL pipeline for Zoho Ticket data, utilizing Go, while also meticulously strategizing and deploying the requisite schema and SQL tables.
- Collaborated with cross-functional teams to identify data requirements, design data models, and streamline data flows to support business operations and reporting needs
- Developed and maintained data documentation using Notion to ensure data governance and promote data-driven decision-making across the organization

### Consulnet, Toronto — *Junior Marketer*

MAY 2019 - SEPTEMBER 2019

- Utilized expertise in HTML, CSS, and JavaScript to address changes and resolve bugs on personalized websites for multiple clients, ensuring seamless user experiences and high client satisfaction.
- Utilized data analysis tools such as Google Analytics and FB analytics to track and measure clients' marketing campaigns performance
- Conducted A/B testing on marketing campaigns to evaluate effectiveness and improve conversion rates
- Collaborated with cross-functional teams to gather and interpret data, providing actionable insights for decision-making
- Developed data-driven presentations, reports and dashboards (using tableau) to communicate campaign performance to stakeholders

## EXTRA CURRICULARS

2020 - PRESENT

- ETL Pipeline and Social Media Analysis using Python and Tableau:
  - Developed an ETL pipeline in Python to collect tweets from Twitter for social media analysis
  - Leveraged Tableau to create a dynamic and interactive dashboard for visualizing and analyzing social media trends

## SKILLS

**Python:** Machine Learning using Numpy, Pandas, Matplotlib, Scikit-learn and TensorFlow

**Java:** Created native Android Application

**REACT:** Knowledge of MERN (Node, Express, MongoDB & React) + Javascript

**Angular:** Frontend framework at PocketHealth

**Go:** Language for all backend development at PocketHealth

**R:** For data analysis and statistical modeling

**SQL:** MySQL at PocketHealth, PostgreSQL at Universite

**MongoDB, Docker, Excel & Google Sheets**

## AWARDS

**The Galois Award In Mathematics, University of Toronto**

DECEMBER 2020 & 2021

**University College Admission Scholarship, University of Toronto**

## EDUCATION

**University of Toronto, Toronto — B.S. Math & Computer Science**

JUNE 2023

## Clubs

**BioInformatics UoFT Hackathon Programming Assistant**

**UoFT Intro to ML Club Member**

## References

Available upon request.