

Sam Childerhose

Github: [repository](#)

| LinkedIn: [profile](#)

| Website: [portfolio](#)

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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.