

TEM TAMRE

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EXPERIENCE

University of Alberta & CIRADA

Software Developer (Contract)

February 2022 - August 2023

Edmonton, AB

- Released a new version of research software used by astrophysicists across Canada
- Added new radio data catalogues and refactored a large portion of monolith codebase
- Built custom APIs for existing research software
- Created new software to parallelize data collection steps
- Updated old documentation and UI elements across all in-house software projects

Intuit

Software Developer (Co-op)

May 2019 - December 2019

Edmonton, AB

- Built custom Bing and Google Cloud Search engine evaluators
- Researched different search systems and presented findings to the search services team
- Assisted with search data ingestion for new search services using AWS
- Presented product proposals at monthly company-wide conferences that were later put into production

University of Alberta

Science Summer Camp Leader

June 2018 - August 2018

Edmonton, AB

- Created computer science and game design lesson plans and activities for junior and high school students
- Taught topics such as Python programming, Arduino circuitry, Unity game development, and 3D modelling

EDUCATION

University of Alberta

B.S. in Computer Science and Psychology

Science Internship Program (SIP) designation completed with **Intuit**

Class of 2024

PROJECTS

Carketplace

Used car listing website that gathers data from kijiji autos
Built with **Node.js** and **Express.js**, hosted by **Google App Engine**

Unbindled

Social media website that can connect to other social media apps via RESTful APIs
Built with **Django**, **Node.js**, **Heroku** and **PostgreSQL**

Medlog

Android app that allows doctors and patients to communicate health issues with each other
Built with **Java** and **Android Studio**

Driftkit

Displays traffic cameras and speed traps across Edmonton using public data
Built with **Flask** with **CircleCI** integration for automated testing

Kaipher

Network portscanning tool
Built with **Python** with **CircleCI** integration for automated testing

Pydex

Discord chat bot that acts as a Pokedex
Built with **Python**, hosted by **Heroku**