TEM TAMRE

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EXPERIENCE

University of Alberta & CIRADA   February 2022 - August 2023
Software Developer (Contract)   *Edmonton, AB*

· Added new radio data catalogues to research software used by astrophysicists across Canada
· Added new search features to existing research software for a new version release
· Built custom APIs for existing research software
· Created new software to parallelize data collection steps for existing research software
· Updated old documentation and UI elements across all in-house software projects

Intuit   May 2019 - December 2019
Software Developer (Co-op)   *Edmonton, AB*

· Researched different search systems and presented findings to the search services team
· Built custom Bing and Google Cloud Search engine evaluators
· 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   June 2018 - August 2018
Science Summer Camp Leader   *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   *Class of 2024*
B.S. in Computer Science and Psychology
Science Internship Program (SIP) designation completed with **Intuit**

PROJECTS

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

Unhindled   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**