

# TEM TAMRE

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## EXPERIENCE

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### University of Alberta & CIRADA

*Software Developer (Contract)*

February 2022 - August 2023

*Edmonton, AB*

- Added new radio data catalogues to research software used by astrophysicists across Canada
- Added new 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

*Software Developer (Internship)*

May 2019 - December 2019

*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

*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

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### University of Alberta

B.S. in Computer Science and Psychology

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

*Class of 2024*

## PROJECTS

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### *Unbindled*

A social media app that can connect to other social media apps via RESTful APIs  
Built with **Django**, **Node.js**, **Heroku** and **PostgreSQL** as a course capstone project

### *Medlog*

An 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*

A simple portscanning tool  
Built with **Python** with **CircleCI** integration for automated testing

### *Pydex*

A discord chat bot that acts as a Pokedex  
Built with **Python** with added compatibility for **Heroku** hosting

### *GGWP*

A discord chat bot that pulls and displays stats for league of legends players  
Built with **Python** with **CircleCI** integration for automated testing