

Ali Rafiei

a.rafie1991@gmail.com

[LinkedIn](#) • [Personal Website](#) • [GitHub](#)

BIO

An experienced 4th year Computer Science student looking to bring forth expertise in the development, installation, testing, and maintenance of software systems in a professional setting. Able to effectively self-manage during independent projects, as well as collaborate in a team utilizing version control, documentation, and agile project management. A quick learner with a strong foundation in programming principles, capable of adapting to and utilizing any programming language or software.

EDUCATION

University of Alberta | BSc in Computer Science, Dean's Honor Roll Sep 2019 - April, 2023

- GPA: 3.5/4.0

EXPERIENCE

Full Stack Web Developer Sept 2022 - Dec 2022

Community-Service Learning, University of Alberta

- New website designed and developed for Community-Service Learning (CSL) at the University of Alberta
- Team orientated development with independent distributed tasks bringing the project up to client standards
- MERN stack (MongoDB, Express, React, NodeJS) to create a robust and authentic survey submission website with automated email confirmation, online signature approval, and finalized pdf creation and storage in secure databases
- Agile scrum development with experience guiding development as scrum master and product owner

Teaching Assistant Sep 2021 - Dec 2021

University of Alberta | CMPUT 174: Introduction to the Foundations of Computation I

- Conduct lab lectures and assist problem solving in Python
- Review and create lab material for interactive and engaging learning environments
- Build communication and assessment skills via weekly meetings with course professors and teaching assistants

PROJECTS

Pokemon Calculator App: [\[GitHub\]](#) [\[Website\]](#) (24h) HackED: Jan, 2023

- Website and mobile application calculator for strongest/weakest type against a pokemon
- Demonstrated capacity for fast-paced development by creating a functional product within a tight deadline

Friender Web App: [\[GitHub\]](#) (48h) UofA Hackathon: Sept, 2022

- Friend making website for campus students during COVID-19
- Experience learning new front-end and back-end frameworks for web development

Lecture Timestamp Tool: [\[GitHub\]](#) (24h) HackED: Jan, 2022

- Timestamp application that organizes your slides from online lecture videos
- Learned novel programming languages and software by seeking out relevant documentation

QR Scanner: [\[Github\]](#) Feb - April, 2022

- Android app designed to allow people to collect QR codes and compete against their friends
- Utilized various programming design patterns alongside test-driven development
- Worked as a part of a team, using GitHub version control to document and manage software versions

Web Story Game: [\[GitHub\]](#) [\[Play Now\]](#) (48h) Alberta Game Jam: Aug, 2021

- Game designer and creative writer
- Strong communication with team members to clarify requirements, discuss progress, and troubleshoot issues

LANGUAGES & FRAMEWORKS

C | C++ | Python | Java | Kotlin | HTML | CSS | JavaScript | TypeScript | React | Node.js | Express | Angular | Django | SQL