

# Ali Rafiei

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

## 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: [\[GitHub\]](#) [\[Website\]](#)

HackED: Jan, 2023

- Calculator of strongest/weakest type against a pokemon
- Full website and mobile application

### Friender Web App: [\[GitHub\]](#)

UofA Hackathon: Sept, 2022

- Friend making website for campus students during COVID-19
- Email authentication and account creation

### Lecture Timestamp Tool: [\[GitHub\]](#)

HackED: Jan, 2022

- A timestamp application that organizes your slides from online lecture videos
- Visual recognition and video processing

### QR Scanner App: [\[Github\]](#)

Feb - April, 2022

- An 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 to document and manage software versions

### Web Story Game: [\[GitHub\]](#) [\[Play Now\]](#)

Alberta Game Jam: Aug, 2021

- Game designer and creative writer
- Utilized github version control with team to develop a unique game experience

## LANGUAGES & FRAMEWORKS

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

## SOFTWARE

Git | GitHub | Linux | MacOS | Windows | Figma | Firebase | Postman | ChatGPT | Codex | Visual Studio Code | Photoshop