

Ali Rafiei

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

EXPERTISE

C/C++ | JavaScript | Python | Java | SQL | MongoDB | Assembly | Node | Express | React | Django | HTML | CSS

EDUCATION

University of Alberta | BSc in Computer Science, Dean's Honor Roll

Expected Graduation - April, 2023

- GPA: 3.5/4.0
- Alberta Competitive Programming Club - Member

PROJECTS

Pokemon Type Calc: [\[GitHub\]](#) [\[Website\]](#)

HackED: Jan, 2023

- Calculator of strongest/weakest type against a pokemon
- Full website and mobile application
- Angular, CSS, HTML, Typescript, and BeautifulSoup

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

UofA Hackathon: Sept, 2022

- Friend making website for campus students
- Email authentication and account creation using Express
- Database creation using NodeJS and MongoDB

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

HackED: Jan, 2022

- Timestamp slides in online lecture videos
- Visual recognition and video processing
- Used Java libraries IntelliJ IDEA, JavaCV, and Maven

COLLECT-QR: [\[Github\]](#)

Feb - April, 2022

- Mobile QR code collection game
- Geocaching and secure database management
- Software development in Java

Midst of Us: [\[GitHub\]](#) [\[Play Now\]](#)

Alberta Game Jam: Aug, 2021

- Visual novel game using Python library Ren'Py
- Game designer and creative writer
- Utilized github version control with team

EXPERIENCE

Full Stack Web Developer [\[Project Portal\]](#)

Sept 2022 - Dec 2022

Community-Service Learning, University of Alberta

- UI/UX designer
- Agile Scrum development
- Utilized Node.js, Express.js, and React

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