

# Ali Rafiei

a.rafiei1991@gmail.com

[LinkedIn](#)

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## EXPERTISE

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

## EDUCATION

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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

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

HackED 2023: Jan 7 - 8, 2023

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

### [eSignature Web App:](#)

Sept - Dec, 2022

- Full stack developer
- UI/UX designer
- Used Node.js, Express.js, and React

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

HackED 2022: Jan 16, 2022

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

### [Friender :](#)

UofA Hackathon: Sept 10 - 11, 2022

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

### [Game Jam VN :](#)

Alberta Game Jam 2021: Aug 13 - 15, 2021

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

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

Feb - April, 2022

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

## EXPERIENCE

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### 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