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 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: [Project Page]   Sept - Dec, 2022
- Full stack developer
- UI/UX designer
- Used Node.js, Express.js, and React

Lecture Timestamp Tool: [GitHub]   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: [GitHub]   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

Midst of Us: [GitHub] [Play Now]   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: [Github]   Feb - April, 2022
- Mobile QR code collection game
- Geocaching and secure database management
- Software development in Java

EXPERIENCE

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