

Ali Rafiei

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

EDUCATION

University of Alberta Master of Science (Thesis) in Computing Science	Sep 2023 - Apr 2025
University of Alberta Bachelor of Science in Computing Science, Dean's Honor Roll <ul style="list-style-type: none">GPA: 3.5/4.0	Sep 2019 - Apr 2023

EXPERIENCE

Software Engineer – Vipo.ai <ul style="list-style-type: none">Integrated 3 unique APIs into an AI-powered web applicationDelivered 4 large projects that utilised various AI APIs and LLMs	May 2023 - Aug 2023
Full Stack Developer [Project Portal] [Award] Community-Service Learning, University of Alberta <ul style="list-style-type: none">Created a survey submission website that can handle thousands of usersAgile scrum development with experience leading 80% of development as scrum master and product ownerTeam orientated development with hundreds of individually distributed tasksFinished product reduced a 50 hour per month task down to 1 hour	Sep 2022 - Dec 2022
Teaching Assistant University of Alberta CMPUT 174: Introduction to the Foundations of Computation I <ul style="list-style-type: none">Conducted 20 lab lectures in PythonCreated 30+ lab material and exercises for interactive and engaging learningBuilt communication and assessment skills via weekly meetings with course professors	Sep 2021 - Dec 2021

LANGUAGES & FRAMEWORKS

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

PROJECTS

Text to Speech App: [GitHub] <ul style="list-style-type: none">Python GUI application with full text to speech, image to text, and text editor functionalityCombined 4 unique and conflicting python libraries into 1 streamlined program	May, 2023
Pokemon Calculator App: [GitHub] [Website] <ul style="list-style-type: none">Website and mobile application calculator for strongest/weakest type against a pokemonIndexed over a thousand different Pokemon and their attributes	(24h) HackED: Jan, 2023
Lecture Timestamp Tool: [GitHub] <ul style="list-style-type: none">Timestamp application that organises slide transitions from online lecture videosEfficiently renders 3+ hour long videos in less than 4 minutes	(24h) HackED: Jan, 2022
QR Scanner App: [GitHub] <ul style="list-style-type: none">Android app that allows people to collect unique QR codes and compete against their friendsStored hundreds of user data, geolocations, codes, and images in a secure databaseUsed GitHub version control to document and implement 40+ software features	Feb - Apr, 2022
Web Story Game: [GitHub] [Play Now] <ul style="list-style-type: none">Game designer and creative writerEfficient communication with team members to create 8 unique story driven endings	(48h) Alberta Game Jam: Aug, 2021