Andrea Abellera



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EDUCATION

University of Manitoba

2017 - 2023

• BSc. Major in Computer Science

SKILLS

Enterprise Delivery	Agile (SAFe), Waterfall, CI/CD, TDD, SDLC
Cloud / Web3 Interop	AWS, MS Azure, IBM Cloud, IPFS, Blockchain
Programming	Node.js, Python, Java, ASP.NET, PHP
Data Vis / Analytics	MS PowerBI, Access, Matplotlib, Pandas
Site Development	Confluence, SharePoint, Wordpress
Mobile Development	React Native, Android Studio
Technical Utility	Jira, Git, Markdown, OpenAPI, Linux, Docker
UI / UX / Accessibility	Figma, Lighthouse, WCAG, WAI-ARIA
Web Frameworks	React, Angular, Vue, Svelte, Lit, Solid, Blazor

VOLUNTEERING



Received the Emerging Leader 2022 Award from the University of Manitoba from the distinguished leadership of 2 organizations



Facilitated competitions for IEEExtreme, Google Competitions, Hackathons, ICPC, and the G/M Jam



Led technical workshops on web development with React, Vue and Svelte, UI design, P2P development, programming competitions, and game art

Extracurricular Activities

UM Competitive Programming VP. Jun 2022 - April 2023 Bisons' Programming Team Chair . Sep 2021 - Dec 2022 Asper MISA Co-President . . . Sep 2021 - Apr 2022 MIS/CS Help Centre Lead . . . Oct 2021 - Apr 2022 .devClub Promotions Executive . . . May 2021 - Apr 2022 WICS Peer Mentor Jan 2022 - Apr 2022 CUSEC Promotions Sep 2020 - Jan 2022

WORK EXPERIENCE

Business Systems Analyst

May - August 2022

TD (Toronto-Dominion) Bank

- Developed an Onboarding roadmap for **Confluence** through an iterative process of compiling data, proposing design, reviewing implementation, and producing user and technical documentation with DaaS Agile leads
- Gathered product owner requirements, tracked epics, stories, and success criteria with Jira, and released iterable products using Agile methodology

Full-Stack LMS Developer

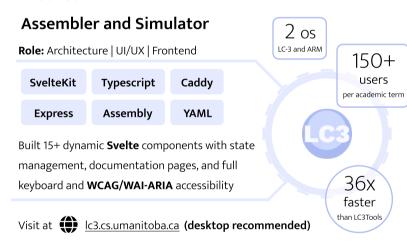
April - Sept 2021

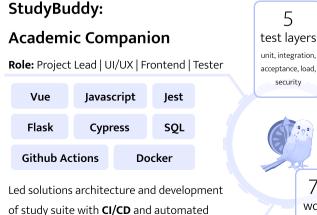
Delphi Technology Corp

- Orchestrated a dynamic course roadmap, with focus on architecture design, data bundling with PHP/AJAX, and ES6 class implementations
- Enhanced JavaScript and AWS Lex chatbot with speech and pattern recognition for interactive aviation English practice modules and tests
- Prototyped a suite of landing dashboards with **Figma**, reducing new user time to locate class resources by 70%

PROJECTS

WebLC3:





acceptance, integration and unit testing

7 ci/cd workflows regression tests, Docker compose, security scanning

55 RPS for

100 users