



EDUCATION

University of Manitoba

2017 - 2023

- BSc. Major in **Computer Science**

SKILLS

Enterprise Delivery	Agile (SAFe), Waterfall, CI/CD, TDD, SDLC
Cloud / Web3	AWS, MS Azure, IBM Cloud, IPFS, Blockchain
Programming	Node.js, Python, Java, ASP.NET, PHP
Data Vis / Analytics	Tableau, Alteryx, PowerBI, Matplotlib, Pandas
Site Development	Confluence, SharePoint, Wordpress
Mobile Development	React Native, Android Studio
Technical Utility	Jira, Git, Markdown, API, 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 IEEEExtreme, 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 Associate

June 2023 - Present

TD (Toronto-Dominion) Bank

- Identify, document, and pitch high-value opportunities for cost savings and growth from prospective internal tooling implementations
- Streamline data workflows with **Alteryx** and automate tasks with **UiPath**
- Collaborate with executive stakeholders for metric requirements and to improve **Tableau** dashboard report interfaces, insights, and visualizations

Business Systems Analyst Intern

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

PROJECTS

WebLC3:

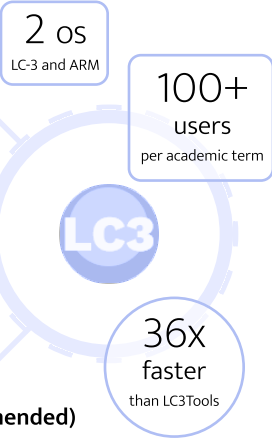
Assembler and Simulator

Role: Architecture | UI/UX | Frontend

- SvelteKit
- Typescript
- Caddy
- Express
- Assembly
- YAML

Built 15+ dynamic **Svelte** components with state management, documentation pages, and full keyboard and **WCAG/WAI-ARIA** accessibility

Visit at lc3.cs.umanitoba.ca (desktop recommended)



StudyBuddy:

Academic Companion

Role: Project Lead | UI/UX | Frontend | Tester

- Vue
- Javascript
- Jest
- Flask
- Cypress
- SQL
- Github Actions
- Docker

Led solutions architecture and development of study suite with **CI/CD** and automated acceptance, integration and unit testing

Visit at github.com/andreaabellera/StudyBuddy

