Adrian Todd

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SKILLS

- **Programming languages:** Python, C#, C++, Java, JavaScript, TypeScript, CSS3, HTML5, PHP
- **Databases:** MS SQL Server, MySQL, MongoDB, Data modeling, Data analysis, Data visualization
- **Capabilities:** Confident communication, ability to multi-task and adapt to changing priorities, fast independent learner, pay close attention to detail to produce quality driven results
- **Tools and Technologies:** PowerShell Scripting, Linux, VMs, Git, Bitbucket, Azure Fundamentals, Figma, Proficiency in Microsoft Office (Teams, Excel, Word, Power Point, Share Point, Power BI), Jira, Postman API Testing, VS Code, Confluence, Makefiles, YAML, Gemini AI, GCP

EDUCATION

Bachelor of Science in Computer Science   **Expected May 2026**

University of Lethbridge, Calgary Campus, AB

- Currently enrolled as a 3rd year student in the Co-op experience program.
- Relevant Courses: Operating Systems (UNIX, Windows), Fundamentals of Database Systems (SQL, UML in Figma), Computer Architecture (MIPS Assembly), Data Structures and Algorithms, Discrete Mathematics, Practical Software Development (C++, GitLab, CI/CD)

Software Development Diploma, GPA 3.8/4.0   **2019 – 2021**

Bow Valley College, Calgary AB

- Relevant Courses: Networking Essentials in Information Technology (Ethernet Networks, Networking Concepts, Wireless PC, DHCP, Basic Network Security, Standards And Protocols, SOHO Networks, IPv4 And IPv6 Fundamentals, Integrated Wireless Router), User Experience Design (UX/UI, Figma, Lucid chart) Data Structures and Algorithms (Java), Relational Databases (T-SQL), Web Programming (JavaScript, Node, React), Mobile Application Development (Java)

Awards: Jason Lang Scholarship

PROFESSIONAL EXPERIENCE

Junior Software Developer Research and Development   **March 2022 – October 2023**

Orpyx Medical Technologies Inc, Calgary, Alberta

- Gained experience working both independently and as part of a dynamic professional team in a fast paced environment where learning and adapting were crucial skills.
- Automated manual calibration processes for Orpyx Sensory Insoles improving calibration efficiency by 83%. Strengthened presentation skills by reporting findings to team and company
- Took initiative to plan and develop internal tools using Python, Office365 API and SharePoint
- Processed sensor data and created pipeline for data analysis and visualization

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ACADEMIC PROJECTS & EXTRACURRICULAR

Personal Website: https://www.adriantodd.ca/

- Modern responsive website demonstrating development skills
- Features: AI Chatbot, Responsive Web Design
- Technologies: TypeScript, React, Next.js, Tailwind CSS, Gemini AI API, Resend API

Canadian Drug Speak:

- Web application facilitating pharmaceutical drug name pronunciation and spelling for students in the pharmacy technician program
- Features: Interactive flash cards, quizzes, full login/authentication system
- Technologies: MERN stack (MongoDB, Express.js, React, NodeJS), Google Text to Speech API

Money Smart:

- Personal finance desktop application with budget tracking, stock ticker, and data visualizations
- Technologies: C#, WinForms, MS SQL Server

HOBBIES AND INTERESTS

- **Carpentry:** Trained for 4 months as a Timber Frame Carpenter and have built several large timber structures
- **Rock Climbing:** Provides practice for solving different types of challenging mental and physical problems
- **Listening to Podcasts:** They are a great way to absorb information while doing other less engaging activities