

Brennan Horvath

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Summary

Dedicated Computer Science student with strong analytical and problem-solving skills. Recognized for excellent work ethic, architecting innovative solutions, and understanding business logic. Strong foundation in programming and business principles with a focus on continuous upskilling.

Education

University of Regina – BSc in Computer Science	<i>Expected Convocation Fall 2026</i>
• Cumulative Average: 90%	
University of Regina – Certificate in Administration II	<i>Convocation Spring 2026</i>
• Cumulative Average: 95%	

Scholarships & Awards:

• Academic Silver Scholarship, Science Faculty	Fall 2024
• Dean's List, Science Faculty	Winter 2023
• University of Regina Entrance Scholarship - \$3000	September 2021
• Entrance Football Scholarship	September 2021

Related Experience

Developer Intern , Saskatchewan Government Insurance - Regina, Sask.	May 2025 - August 2025
<ul style="list-style-type: none">Engineered end-to-end Driver’s Licence for Change transaction functionality within SGI’s new cloud-based platform, DRIVE, including eligibility checks, financial validation, and fee handling.Integrated the new DRIVE system with the legacy Java-based platform to retrieve critical data, including restrictions and driver exam results, while also developing a manual data-entry fallback.Optimized the user experience for licence transactions by building smart photo capture logic, which automatically skips redundant steps when a valid photo or exemption is already on file.Collaborated with UX designers to enhance UI/UX consistency, leading to the reorganization and refinement of key screens and resolving styling issues across multiple licence transaction types.Streamlined key licencing processes (Add, Change, Renew, Reprint) by applying a consistent set of business rules and user experience flows, which reduced errors and improved workflow efficiency.Implemented core financial logic for licence transactions, including automated fee calculation and waiver functionality with an auditable override/refund system.Collaborated in an Agile environment using Azure DevOps for sprint planning, work tracking, and peer reviews, while leveraging Git branching strategies for version control and writing unit/integration tests (Jest) to safeguard functionality and prevent regressions.	
Configuration Technician Intern , Government of Saskatchewan - Regina, Sask.	May 2024 - April 2025
<ul style="list-style-type: none">Design and develop test cases for software enhancements and bug fixesTest interfaces and reports, ensuring new components function and previous functionalities remain intactDemonstrate strong problem-solving skills, resolving software and hardware challenges and delivering high-quality solutions to clientsOptimizing search criteria of reports for seamless use and effectively expressing my ideas to vendors	

Related Skills and Projects

Languages & Frameworks: C++, C#, Python, JavaScript, TypeScript, PHP, React, HTML, CSS

Tools & Platforms: Git, Azure DevOps, VS Code, Visual Studio 2022, Power BI, Adobe Photoshop, MS Office Suite

Technologies: MySQL, Jest, LaunchDarkly, Azure Cosmos DB, Zustand

Concepts: Relational Databases, Enterprise Systems, SDLC, API Development & Integration, Agile/Scrum, CI/CD pipelines

Soft Skills: Adaptable, Collaborative, Communicative, Creative, Problem-solving, and Leadership

Personal Projects

Present

- eHealth Takehome Assessment - A mentor provided a dataset in which I used Python and SQL alongside Power BI to visualize data and its trends meaningfully
- Personal Website using React, TypeScript, Bootstrap and ThreeJS
- Using JavaScript, HTML and CSS to code a personal Blackjack game with a twist like Balatro

306Groove

December 2023 - April 2024

- Designed and implemented visuals on Adobe Photoshop for university student nights
- Promoted events on social media, using in-demand trends
- Negotiated contracts and agreements with business partners and vendors
- Manage funds and budgets effectively with Microsoft Excel, ensuring transparency and efficiency

Other Work Experience

Bartender/Server, Earls– Regina, Sask.

September 2020 - May 2024

Certifications & Courses

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| • First Aid Certification | • LinkedIn C# Essential Training #1 and #2 |
| • CIPS Accreditation | • LinkedIn C#: Delegates, Events & Lambdas |
| • React and Typescript Scrimba Courses | • LinkedIn C#: Interfaces and Generics |

Extracurricular & Interests

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| • Developing Cybersecurity Fundamentals with TryHackMe | September 2024 - Present |
| • Supplementing Front-end Coursework with The Odin Project | July 2024 - May 2025 |
| • University of Regina Rams Player | September 2021 - April 2023 |
| • U16 Team Canada Football Selection | |

Volunteer & Community Service

Football Coach - Regina, Saskatchewan

Regina Minor Football & SHSAA

August 2023 - May 2024

- Planned, organized and conducted practice sessions
- Conducted and facilitated offseason workouts
- Analyzed film of the strengths and weaknesses of opposing teams to develop game strategies
- Adjusted coaching techniques based on the strengths and weaknesses of athletes

References

Available upon request