

# Brennan Horvath

White City, SK | 306-519-3229 | brennanhorvath@icloud.com | LinkedIn.com/in/brennan-horvath | beepandmeep.com

## 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

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

<b>Developer Intern</b> , Saskatchewan Government Insurance - Regina, Sask.	May 2025 - August 2025
<ul style="list-style-type: none"><li>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.</li><li>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.</li><li>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.</li><li>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.</li><li>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.</li><li>Implemented core financial logic for licence transactions, including automated fee calculation and waiver functionality with an auditable override/refund system.</li><li>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.</li></ul>	
<b>Configuration Technician Intern</b> , Government of Saskatchewan - Regina, Sask.	May 2024 - April 2025
<ul style="list-style-type: none"><li>Design and develop test cases for software enhancements and bug fixes</li><li>Test interfaces and reports, ensuring new components function and previous functionalities remain intact</li><li>Demonstrate strong problem-solving skills, resolving software and hardware challenges and delivering high-quality solutions to clients</li><li>Optimizing search criteria of reports for seamless use and effectively expressing my ideas to vendors</li></ul>	

## Related Skills and Projects

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**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

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**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

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**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

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Available upon request