

# Brennan Horvath

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## Summary

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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

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**University of Regina** – BSc in Computer Science

*Expected Convocation 2026*

- Cumulative Average: 90%

**University of Regina** – Certificate in Administration II

*Expected Convocation 2026*

- Cumulative Average: 95%

## Scholarships & Awards:

- Academic Silver Scholarship, Science Faculty
- Dean's List, Science Faculty
- University of Regina Entrance Scholarship - \$3000
- Entrance Football Scholarship

Fall 2024

Winter 2023

September 2021

September 2021

## Related Experience

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**Developer Intern**, Saskatchewan Government Insurance - Regina, Sask.

May 2025 - August 2025

- 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

- Design and develop test cases for software enhancements and bug fixes
- Test interfaces and reports, ensuring new components function and previous functionalities remain intact
- Demonstrate strong problem-solving skills, resolving software and hardware challenges and delivering high-quality solutions to clients
- Optimizing search criteria of reports for seamless use and effectively expressing my ideas to vendors

## 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
- CIPS Accreditation
- React and Typescript Scrimba Courses
- LinkedIn C# Essential Training #1 and #2
- LinkedIn C#: Delegates, Events & Lambdas
- LinkedIn C#: Interfaces and Generics

## Extracurricular & Interests

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- Developing Cybersecurity Fundamentals with TryHackMe
- Supplementing Front-end Coursework with The Odin Project
- University of Regina Rams Player
- U16 Team Canada Football Selection

September 2024 - Present

July 2024 - May 2025

September 2021 - April 2023

## 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