

Brennan Horvath

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Summary

Computer Science student with government software development experience in cloud platforms with modern tech stacks. Strong analytical and problem-solving skills, recognized for excellent work ethic, delivering innovative solutions, and understanding complex business logic.

Education

University of Regina – BSc in Computer Science

Expected Convocation Fall 2026

- Average: 90%

University of Regina – Certificate in Administration II

Convocation Spring 2026

- 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

Related Experience

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
- Developed and consumed REST APIs to transfer data between the legacy Java environment and the new DRIVE cloud platform, ensuring real-time synchronization of driver exam results
- 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
- Improved licence transaction UX by implementing smart photo capture logic and collaborating with UX designers to standardize UI flows across multiple transaction types.
- 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

- Designed and developed test cases for software enhancements and bug fixes
- Tested interfaces and reports, ensuring new components function and previous functionalities remain intact
- Demonstrated strong problem-solving skills, resolving software and hardware challenges and delivering high-quality solutions to clients
- Optimized report search criteria for improved usability and communicated potential solutions to vendors.

Related Skills and Projects

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

Tools & Platforms: Git, Azure DevOps, VS Code, Visual Studio 2022, Power BI, Linux, Swagger, Postman

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

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

Personal Projects

- Personal Website using React + TypeScript, BootStrap and ThreeJS animations
- Using C++ and Lua to code a personal Blackjack game Balatro-like
- 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

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
- Managed funds and budgets effectively with Microsoft Excel, ensuring transparency and efficiency

Other Work Experience

Bartender/Server, Earls – Regina, Sask.

September 2020 - May 2024

Courses & Certifications

- First Aid Certification
- CIPS Accreditation
- React and Typescript Scrimba Courses
- LinkedIn Learning C# Courses

Extracurricular & Interests

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

Volunteer & Community Service

Football Coach - Regina, Saskatchewan

Regina Minor Football & SHSAA

August 2023 - May 2025

- 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