

Aidan Wilson

Fresh grad software engineer from a top Canadian tech university, with 20 months of professional experience. Proven ability to ramp up fast from many 4-month internships in diverse roles and industries. Willing to relocate.

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EXPERIENCE

BEHAVIOUR INTERACTIVE | GAME DEVELOPER INTERN

Sept 2020 – Dec 2020 | Montreal, QC

- Worked on the massively popular online game Dead by Daylight, top 20 most played game on Steam
- Made extensive performance improvements to menus used by millions of weekly players by investigating the UI engine, scaleform, and performing reworks on problem areas. These changes reduced lag spikes by 80% for console players
- Developed new menus/HUD with Unreal Motion graphics UI framework, implemented a new feature in the game settings for users to scale their menus and HUD
- Provided bug support before releases, working on all areas of the game such as UI, Gameplay, Engine, Sound

ESCRYPT BOSCH | EMBEDDED SECURITY INTERN

May 2020 – Aug 2020 | Waterloo, ON

- Worked with an experienced team developing a custom hardware security module (HSM) for General Motors
- Created thorough unit tests using C-Unity and CMock to ensure quality and traceability when delivering features
- Developed low level code in C for microcontrollers, rigorously following MISRA C guidelines for security, portability, and reliability
- Produced architecture designs and documentation to ensure our code met the formal specs

DOZR | SOFTWARE ENGINEER INTERN

Sept 2019 – Dec 2019 | Kitchener, ON

- Implemented new features in node.js for the DOZR backend and the construction equipment rental management system
- Developed an invoicing micro-service which automated the creation and maintenance of all invoice data
- Advanced involvement in data modeling decisions around the implementation and modification of features such as add-to-cart, equipment quotes, contracts, invoices, and orders
- Optimized inefficient mongoose queries by utilizing standard MongoDB principles, increasing speed of many requests on the rental management system by up to 100%

VEEVA | FULL STACK ENGINEER INTERN

Jan 2019 – April 2019 | Toronto, ON

- Responsible for deployments and infrastructure of Web2PDF on AWS
- Implemented first stages of a new logged-in experience web app for Web2PDF with React frontend and node.js/express backend
- Developed new features and improvements to the core PDF creation engine
- Assisted PMs with design choices using extensive knowledge on the product from a previous work term at Veeva
- Produced the authoritative sources of documentation for architecture and technical details of Web2PDF

VEEVA | AUTOMATION ENGINEER INTERN

April 2018 – Aug 2018 | Toronto, ON

- Managed, created and maintained all test cases and testing suites for the Web2PDF product
- Increased automation coverage by over 50% for Web2PDF
- Implemented new automation testing suites from scratch for UI (Selenium) and performance testing
- Worked closely with developers and project managers to steer this beta product towards success

EDUCATION

UNIVERSITY OF WATERLOO

BACHELOR OF COMPUTER SCIENCE, HONORS, CO-OP. MINOR IN HISTORY.

Graduation April 2021 | Waterloo, Ontario, Canada

SKILLS

LANGUAGES: JavaScript, C, C++, ActionScript, Java, Python, Bash

TECHNOLOGY: Node.js, AWS, React, SQL, MongoDB, GDB, Git, Unreal, UMG UI, Scaleform, \LaTeX , Flash, Selenium