

# Aidan Wilson

272 Pomona Ave, Burlington, Ontario, Canada

mysite.me

zatch.bell@hotmail.com

clickyclick

289-707-0114

## EDUCATION

### University of Waterloo

Bachelor of Computer Science, Honors. Minor in Medieval Studies.

Waterloo, Ontario, Canada

April 2021

## EXPERIENCE

### Behaviour Interactive

Game Programmer

Montreal, QC

Sept 2020 - Dec 2020

- o To Be DeterminedTo Be DeterminedTo Be DeterminedTo Be DeterminedTo Be DeterminedTo Be DeterminedTo Be DeterminedBe DeterminedTo Be DeterminedTo Be DeterminedTo Be Determined
- o To Be DeterminedTo Be DeterminedTo Be DeterminedTo Be DeterminedTo Be DeterminedTo Be DeterminedTo Be DeterminedBe DeterminedTo Be DeterminedTo Be DeterminedTo Be Determined

### Esrypt

Embedded Security Developer

Waterloo, ON

May 2020 - Aug 2020

- o Developed low level code in C for automotive microcontrollers, rigorously following MISRA C guidelines for security, portability, and reliability.
- o Implemented the timer functions for a port of the product to SPC58 microcontrollers, requiring research in the manual and understanding of the CPU architecture.
- o Documented architecture and traceability to the spec using  $\LaTeX$ , ensuring we prove acceptance to the customer. Created thorough unit tests and acceptance tests to show correctness and enhance traceability.

### Dozr

Software Engineer

Kitchener, ON

Sept 2019 - Dec 2019

- o Implemented new features in node.js for the DOZR backend. Developed an invoicing micro-service which automated the creation and maintenance of all invoice data on the platform.
- o Involvement in important data modeling decisions around the implementation and modification of features such as add-to-cart, equipment quotes, contracts, invoices, and orders.
- o 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

Toronto, ON

Jan 2019 - Apr 2019

- o Developed new features and improvements to the core PDF creation engine of the Web2PDF project. Produced a 50% reduction in customer PDF creation issues.
- o Implemented first stages of a new logged-in experience web app for Web2PDF with React frontend and node.js and express backend. Produced authoritative architecture documentation for implementation details of the new web app.
- o Responsible for deployments and infrastructure of Web2PDF on AWS.

### Veeva

Automation Engineer

Toronto, ON

Apr 2018 - Aug 2018

- o Managed, created and maintained all test cases and testing suites for the Web2PDF product.
- o Implemented new automation testing suites from scratch for UI (Selenium) and performance testing. Increased automation coverage by over 50% in existing test suites.

## PROJECTS

### Keyboard Boy - [bit.ly/32G03aN](https://bit.ly/32G03aN)

2020

- o Keylogger made in Python which sends keystrokes as UDP data to a Python server.

### Easy Hiragana - [bit.ly/3b6jBbU](https://bit.ly/3b6jBbU)

2017/2018

- o Chrome extension with over 1000 monthly users. Changes English input into Japanese hiragana syllabary.

## SKILLS

Languages: JavaScript, C, C++, Java, Python, Bash, HTML/CSS

Technology: Node.js, AWS, React, Redux, SQL, MongoDB, GDB, Git, Automotive Microcontrollers,  $\LaTeX$