

# CONNER R. SAX

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## SKILLS AND ATTRIBUTES

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**Languages (in order of proficiency):** Java, Python, C, CAPL, bash, batch, JavaScript, HTML, CSS

**Technologies:** SQL, PostgreSQL, GraphQL, Flask, TCP/IP, Git, SVN

**Operating Systems:** Linux/UNIX, macOS, Windows

**Atlassian Suite:** Jira, Confluence, Bamboo, Jira API

**Microsoft Suite:** PowerApps, Dataverse, Power Automate, PowerBI, Dataverse API, Office365, Azure AD

- Self-Motivated; started a lawn care service at a young age.
- Verbal communication skills developed from interacting with customers, colleagues, managers, and collaborating in a team.

## EDUCATION

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*B.Sc. in Computer Science with Software Engineering (Honours)*

May. 2023

University of Windsor

Windsor, ON

**Courses:** Data Structures & Algorithms, Databases, Networks, Software Verification & Testing

## EVENTS AND PROJECTS

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UWinRent (School Project)

Oct. 2020—Jan. 2021

- Website allowing university students to view rental properties.
- Created using React, Flask, and GraphQL.
- Developed a custom GraphQL schema and engine implementation.
- Developed dynamic map rendering using ReactJS.

<https://github.com/prairir/UwinRent>

Delta Hacks VI (McMaster University)

Jan. 25, 2020

- Created a Flappy Bird remake in virtual reality using the Unity game engine.
- Learned basics of Unity and C# in one night.

<https://devpost.com/software/flap-bird-reality>

Grizz Hacks (Oakland University)

Sep. 29, 2019

- Winner of best automation hack.
- Created a web-app using Flask that ordered pizza automatically based on user's favourite team and mood.

<https://devpost.com/software/mood-pizza>

## WORK EXPERIENCE

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*Programmer/Admin Assistant*

Jun. 2022—Nov. 2023

CIBC Wood Gundy

Windsor, ON

- Worked on updating a reporting software to be more automated. Added an error checking layer which allowed for an approximate 20% improvement in report generation time.
- Updated existing tools to improve speed. One of these tools was a list comparison tool which I was able to bring the main algorithm down from  $O(n^2)$  to an estimated  $O(n)$  runtime.
- pdfminer, openpyxl, docx, and other python libraries were used to streamline daily, weekly, & monthly tasks
- Communicated with clients to help them with their accounts.

*Research and Development Intern*

Jan. 2021—Mar. 2022

APAG CoSyst Electronic Control Systems

Windsor, ON

- Wrote embedded C code for multiple projects that was up to the AUTOSAR standards.
- Developed an End of Line test for a product using CAPL.
- Created multiple business intelligence tools using Python, Java, PowerApps, and PowerBI.
- Monthly scrum goal meetings, and daily standup meetings occurred to keep team communication open.

*Temporary Part Time Worker*

Oct. 2019—Mar. 2022

Windsor Assembly, Chrysler Plant 6

Windsor, ON

- Adapt to a new station every shift, ensuring proper assembly and use of equipment.
- Work quickly and efficiently in assembly orientated setting.