CONNER R. SAX

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SKILLS AND ATTRIBUTES

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

Technologies: 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

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

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

Programmer/Admin Assistant Jun. 2022—Present
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.
- CAN, I^2C, UART, and SPI communication protocols were used throughout projects done.
- 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.