

Silas Wright

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TECHNICAL SKILLS

Languages: Python, C, HTML/CSS, SQL, R, Java, Javascript

Developer Tools: Git, Docker, VS Code, Unreal Engine, Microsoft Office

Operating Systems: Windows, Linux

Project Development: Independent and collaborative experience, proficient in Waterfall and Agile methodologies

EXPERIENCE

Store Clerk

Zehrs Hartsland

August 2020 - Present

Guelph, ON

- Applied proficient analytical, problem-solving, and communication skills while managing inventory software to ensure optimal product availability and exceed client satisfaction targets
- Demonstrated leadership by effectively guiding junior employees, fostering a collaborative team environment, and implementing strategies that improved efficiency and customer service, while consistently achieving team goals
- Worked effectively with team members to optimize store operations, adapting to various roles as needed

Software Developer

Ironfin

July 2023 - April 2024

Guelph, ON

- Developed a mobile app using C++ in Unreal Engine independently, while adhering to client's design specifications
- Delivered detailed project reports effectively communicating insights and progress to stakeholders
- Quickly adapted to new tools and frameworks, mastering UE in weeks to meet project requirements on time
- Maintained proactive communication with client to build positive relationships and ensure project alignment

PROJECTS

ML Stock Trading Script | Python, VS Code, Git

January 2025 - Present

- Constructed a Python program that integrates machine learning finance models into a stock trading algorithm
- Utilized exceptional problem-solving and analytical skills to create a strategic project design
- Achieved a cumulative return of 234% with a compound annual growth rate of 24% in a four year backtest from 2020

Personal Website | HTML, CSS, Javascript, React, Git | silaswright0.github.io

June 2023 - Present

- Developed a website using HTML, CSS, Javascript, and React using VS code to showcase my passion for coding
- Implemented version control with Git to facilitate efficient project management

Pool Game | C, Python, SQL, HTML, CSS, Javascript, VS Code, Git

January 2024 - April 2024

- Engineered a C library for backend featuring robust functionalities and complex physics algorithms
- Created a server program in Python to asynchronously communicate with frontend HTML website and display SVGs
- Crafted C and Python backend with Object Oriented structure using encapsulation, inheritance, and polymorphism
- Employed comprehensive test cases to rigorously test and debug the project within tight time constraints

EDUCATION

University of Guelph

Honors Bachelor of Computing, Computer Science, Minor in Biology

September 2022 - Present

Guelph, ON

Silas Wright

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REFERENCES

Greg McMahon

Manager | Zehrs Hartsland

Tudor Whiteley

Client | Software Development Contract Work

Stephen Morris

Tudee's Guardian | Volunteer Math Tutoring

CONTACT

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