

Michael Salton

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EDUCATION

University of Western Ontario

Bachelor of Computer Science, Minor in Game Development

September 2020 – April 2024

London, ON

WORK EXPERIENCE

Peavey Industries L.P.

Lead Software Engineer

May 2022 – Present

London, ON

- Worked with product managers to re-architect a multi-surface inventory management system increasing work efficiency in the warehouse by up to 40%
- Constructed the logic behind a streamlined Android application to be implemented along with the pre-existing warehouse software
- Participated in code reviews with IT team members, software developers, and product managers to ensure all technical issues were fixed

HCL Logistics

Warehouse Computer Technician

May 2021 – August 2021

London, ON

- Compiled information that documents the quantity and type of equipment and supplies stocked in the warehouse
- Maintained an organized system for the management and processing of the inventory
- Processed a variety of reports in both written and electronic form for the purpose of disseminating information to the appropriate parties

EXTRACURRICULAR

Programming Tutor

Java, Python, C, HTML / CSS

February 2021 - Present

London, ON

- * Tutored high school and university students a multitude of coding languages
- * Constructed exercises and reviewed code to help improve students understanding of programming topics
- * Covered basics from initializing variables, to more advanced structures such as dictionaries and recursive functions

Independent Video Game Development

Game Developer

May 2020 – Present

London, ON

- * Utilized C++, Unreal Engine, C#, Unity, and Blender throughout the game development process
- * Created game development logs and amassed a following of over 23,000 followers (@michaelsalton on TikTok)

Hackathons (Coding Competitions)

Programming Team Member

October 2020 - Present

London, ON

- * Hack Western 7: Worked with Spotify API and JSON metadata to develop a music recommendation program and provided design development of projects using C, HTML, CSS, JavaScript

FIRST Robotics Competition

Lead Programmer

September 2018 – March 2020

London, ON

- * Implemented computer vision along with Lidar technology using Java
- * Participated in project meetings and worked alongside designers, programmers, and engineers
- * Reviewed and applied systems in progress of development to ensure compliance with overall design parameters

SKILLS

Java, Python, C, C#, C++, Swift, HTML, CSS, Unix, Linux, ARM Assembly, React, Latex, R, JavaScript, Git, Microsoft Excel, Unreal Engine, Unity, Confluence, Jira, Slack, GitHub