

Ajaypal Sallh

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TECHNICAL SKILLS

Languages: Java, Python, JavaScript, HTML/CSS, SQL

Frameworks: Node.js, Flask

Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ, Figma, Microsoft Office Suite (Word, Excel, PowerPoint), Linux, MacOS, Windows 10/11

Libraries: pandas, NumPy, React

EDUCATION

University of Calgary

Calgary, AB

Bachelor of Science in Computer Science – Science Internship Program

September 2022 – May 2025

- *Relevant Coursework:* Data Structures and Algorithms, Object-Oriented Programming

University of Calgary

Calgary, AB

Bachelor of Arts in Law and Society

September 2017 – August 2021

PROJECTS

The Pokemon Companion | [Website](#) [Github](#)

June 2023

- Autonomously conceived and crafted a dynamic Pokemon companion application employing **HTML/CSS** and **JavaScript**, empowering users to efficiently explore Pokemon, swiftly discern their strengths and vulnerabilities, and strategize for battles with precision.
- Employed **Python** to efficiently organize and transform data into a readily accessible **JSON** format, facilitating seamless access to comprehensive Pokemon information.
- Utilized **JavaScript** by implementing dynamic Pokemon generation as users typed, accompanied by the creation of a user-friendly modal interface showcasing detailed information for each Pokemon.

Multi-Threaded Greenhouse Simulator

April 2023

- Developed a user-friendly greenhouse simulator using **Java**, **JavaAWT**, and **JavaSwing**, allowing users to customize initial and ideal conditions for temperature, humidity, and soil moisture. Implemented functionality for adjusting the rate of change for natural environmental factors as well as controlling the impact of various systems, including the furnace, AC, sprinkler system, and humidifier, all with accompanying **UML**
- Created utilizing a **Model-View-Controller (MVC)** design and **multi threading**, allowing for real-time monitoring of temperature, humidity, and soil moisture, as well as the status of devices in use. Enabled users to save their custom simulations and retrieve previously saved ones for further analysis

EXPERIENCE

Backroom Management Key Holder

Oct 2018 – February 2022

Adidas AG

Calgary, AB

- Independently managed data entry in management software, tracking thousands of items regularly using **SAP** and **Smartsheet** while ensuring strict adherence to backroom **safety** protocols for inventory storage.
- Identified inefficiencies and developed **highly organized** workstation to streamline online order processing, resulting in regularly achieving a 96% completion rate and achieving **\$73k** revenue, third-highest among Canadian Adidas Stores during peak seasons.
- Exemplified strong **leadership and initiative** acumen through **collaborative** efforts with the store manager to design and deliver transparent product knowledge lessons, effectively equipping the staff with up-to-date information on brand technology resulting in significant increase in sales by precise **communication** by distilling complex subjects to be understood by a wider audience.
- By creating **strong interpersonal relationships** with team and customers by delivering exceptional customer service, achieved substantial growth in client-facing sales and successfully improved conversion rates.

Climbing Coach

October 2014 – July 2019

Vivo for Healthier Generations

Calgary, AB

- Demonstrated expertise in delivering comprehensive climbing lessons to diverse age groups, adeptly tailoring instructional approaches to cater to specific group dynamics. Ensured **clear and effective communication** of lesson objectives, facilitating enhanced learning experiences for all participants