Dante Cornelius

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EDUCATION

Ontario Tech University   Oshawa, Ontario
BSc(Hons) in Computer Science   *Sep. 2022 – April 2026*

EXPERIENCE

Marshall-tail walker, Timekeeper   Aug 2021 - Nov 2021
River Oaks Park   *Oakville, Ontario*
- Implemented safety measures as a Marshal to ensure the park run route was set up securely and all participants could navigate it safely.
- Assisted in organizing and coordinating the park run event, ensuring smooth operations and participant satisfaction.
- Demonstrated excellent interpersonal skills by offering assistance and encouragement to participants throughout the park run.
- Served as a Timekeeper, accurately recording participants' lap times and compiling the data into a data table for event organizers.
- Played a crucial role in fostering a positive and inclusive atmosphere at the park run, contributing to the overall enjoyment and success of the event.

Field Technician   May 2023, Mar 2024
Bed Bug Authority Canada   *Ontario, Canada*
- Demonstrated physical strength and agility by efficiently moving equipment weighing between 20kg and 70kg in and out of the truck, ensuring timely and safe transport to job sites.
- Executed precise setup of equipment at job sites, adhering to strict guidelines and safety protocols to effectively exterminate bedbugs and minimize potential risks.
- Adapted to challenging working conditions, including enduring temperatures ranging from 40°C to 60°C for short periods, to ensure successful completion of extermination tasks.
- Maintained a proactive approach to safety by identifying and addressing potential hazards promptly, fostering a safe working environment for both colleagues and clients.

PROJECTS

US-HomeSchool-Analysis | *Python, Pandas, NumPy, Matplotlib, Jupyiter Notebook*   December 2023 – Present
- Developed a data science project analyzing US homeschool enrollment trends.
- Utilized fundamental techniques like data cleaning, exploratory data analysis (EDA), and data visualization.
- Analyzed and visualized the cleaned data using Python and popular data science libraries including Pandas, NumPy, Matplotlib, and Seaborn
- Developed a Jupyter Notebook, to document the data cleaning process and showcase the analysis.

FullStack BlackJack | *Git, JavaScript, Java, CSS, HTML*   March 2023 – Present
- Currently developing a Fullstack Blackjack Game utilizing JavaScript, CSS, and HTML for the frontend, and Java for the backend.
- Utilizing Java RESTful API for accessing resources and implementing client/server architecture.
- Implementing multi-threading and socket programming to support multiple clients in a client/server architecture.
- Developing in IntelliJ IDEA with version control managed using Git.

TECHNICAL SKILLS

Languages: Java, Python, C++, Assembly, JavaScript, HTML/CSS, React-Native
Tools & Applications: Microsoft Excel (including formulas, data entry, and spreadsheet manipulation), Microsoft Office
Developer Tools: Git, Visual Studio, IntelliJ, Jupyter Notebook
Libraries: Pandas, NumPy, Matplotlib