# Dante Fernando

*Waterloo, Ontario*

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## Skills

- Knowledge of Multiple Programming Languages: Java, Python, Shell Scripts
- High level understanding of Linux/UNIX operating systems, Windows and MacOS
- Proficiency with server administration: Shell Scripts, Troubleshooting, Linux Based Server Deployment and Maintenance
- Hands on experience with computer hardware maintenance and handling internal components
- Proficiency with virtualization technologies: VirtualBox, QEMU
- Experience with multiple Linux distributions: Arch, Debian, Ubuntu
- Excellent knowledge of Command Line Interface tools (SSH, Bash, GNU Core Utilities, Git, Tmux)
- Strong background of Microsoft Software: Word, Excel, Powerpoint
- Strong initiative and interpersonal skills to work collaboratively within teams
- Multi-tasking and Efficient Time Management
- Excellent English Language Skills in Writing and Speaking
- Can Read, Write, and Speak Basic Dutch and French

## Work Experience

### Canzan Contracting Ltd.
*St. Catherines, Ontario*

CONSTRUCTION WORKER ASSISTANT                                                         *Aug. 2023*

- Assisted in renovating and constructing The Shoe Company at the Pen Centre Mall.
- Increased productivity by maintaining proper inventory levels of tools and equipment for site use.
- Expedited project timelines by efficiently transporting materials between storage areas and work sites.
- Aided carpenters with framing tasks, ensuring precise alignment and secure connections of components.
- Gathered waste and trash from job sites for placement in refuse containers to keep job sites clean and organized.
- Operated power equipment to move materials and promote job efficiency.
- Assisted in constructing building frameworks, improving project progress and structural integrity.
- Brought materials and tools from trucks and storage facilities to work site locations and organized for expected needs.

### Lowe's Canada
*Waterloo, Ontario*

CUSTOMER SERVICE ASSOCIATE                                                      *Oct. 2022 – Jan. 2023*

- Trained in proper lifting techniques to prevent injury and preserve safety of workers and customers.
- Followed verbal and written instructions to properly move products.
- Developed knowledge of tools and hardware from working in the hardware department.
- Helped large volume of customers every day with positve attitude and focus on customer satisfaction.
- Maintained customer satisfaction with forward-thinking strategies focused on addressing customer needs and resolving concerns.
- Kept customer spaces clean, neat and organized for maximum appeal.
- Distributed information to customers and answered quetsions to serve needs and drive sales.
- Used hand-held scanners and logs to accurately track item movements and locations.

### Julen Property Management Co.
*Huntsville, Ontario*

PROPERTY MAINTENANCE WORKER                                                    *Aug. 2019 – Oct. 2022*

- Managed multiple properties in Waterloo, London, and Huntsville, Ontario.
- Helped with general painting and basic property development projects.
- Provided expert lawn care, mulching, aerating, and trimming every season.
- Maintained routine landscaping schedules to boost lawn health.
- Removed weeds, hazards, and debris from common pathways to improve usability.
- Edged sidewalks, driveways, and landscape features using line trimmer.
- Loaded and unloaded mowing equipment with load securement conditions.
- Trimmed greenery, shrubs, and hedges to maintain uniform appearance.
- Spot-cleaned stains and repaired scuffs or dings to maintain walls.
- Emptied trashcans and transported waste or collection areas.

**Canzan Contracting Ltd.** *Orillia, Ontario*

Construction Worker and Property Maintenance Worker *Jun. 2019 – Aug. 2019*

- Assisted in renovating The Shoe Company at West Ridge Place in Orillia.
- Demonstrated safe and proper operation of equipment and tools to prevent harm to self and team members.
- Utilized hammers, power tools, saws, levels, and fastening devices to complete projects.
- Helped with general painting and basic property development projects.
- Gathered waste and trash from job sites for placement in refuse containers to keep job sites clean and organized.
- Loaded, unloaded, and moved material to and from storage and production areas.
- Spot-cleaned stains and repaired scuffs or dings to maintain furniture and walls.
- Quickly learned new skills and applied them to daily tasks, improving efficiency and productivity.

## Education

**University of Western Ontario** *London, Ontario*

Bachelor of Engineering Science (BESc) – 1st year General Engineering *Sep. 2023 – Expected May 2027*

- Achieved an 88% Average in First Year Java Programming Fundamentals for Engineers Course

**Laurel Heights Secondary School** *Waterloo, Ontario*

High School *Sep. 2022 – Jul. 2023*

- Graduated with a 99% Average in Grade 12 ICS4U Computer Science

**The British School in The Netherlands** *The Hague, Netherlands*

High School *Sep. 2017 – Jul. 2022*

- Received **Advanced Subsidiary Qualification** (2022)
- <u>Awarded</u> **"Academic Award for Computer Science"** (2021)
- Received **General Certificate of Secondary Education Qualification** (2021)
- <u>Awarded</u> **"Principal's Commendation"** in Recognition of **"Commitment to Learning"** (2020)
- Languages studied: **English, Dutch and French**
- Completed Courses: Computer Science, Mathematics, and Physics
- Extracurricular Activities: School Basketball Team (2019-2022)
- Study Abroad: Netherlands Based - High School from Grade 8-12

## Projects

**Winter Design Project, Western University** *London, Ontario*

Self Spotting Squat Device for the Visually Impaired *Jan. 2024 – Apr. 2024*

- Designed and produced a squat rack mountable spotter
- Programmed an Arduino using C++ to control step motors on command
- Assists the Visually Impaired while squatting to provide increased stability, confidence and safety
- Successfully met unique client needs with thorough attention to detail
- Designed using CAD Onshape to produce 3D Printed prototype

**Final CS Project, Laurel Heights Secondary School** *Waterloo, Ontario*

Teacher Grade Book (Java) *Sep. 2022 – Feb. 2023*

- Created a Java Program that simulates a teacher grade book
- Keeps track of student averages, class test scores and other features
- Implemented using Object Orientated Programming
- Utilized Git for Version Control

**Personal Programming Project** *The Hague, Netherlands*

SpotifyDL (Python) *Oct. 2021 – Jan. 2022*

- Developed a Python Program that can download Spotify playlists using the Spotify Python API and YouTube API
- Stores spotify songs on disk as MP3 files
- Implemented using Python's Packaging Technology

**Linux/UNIX Server Deployment** *The Hague, Netherlands*

Headless Arch Based Linux Media and File Sharing Servers *Jan. 2020 – Current*

- Installed and maintained several Linux based headless servers using SSH
- File sharing servers, media sharing servers
- Primarily Arch Linux based headless servers
- Utilized Port Forwarding to manage servers remotely

# Volunteer Experience

**KW Walk Day for Cystic Fibrosis Canada** *Waterloo, Ontario*

LOADING/UNLOADING ASSISTANT, SET UP, TEAR DOWN & MOTIVATIONAL SUPPORT *28th May 2023*

- Helped with cheering on participants
- Loaded and unloaded trucks and vans of equipment
- Helped lift and pack up equipment (tear down and set up)
- Cheered on Participants
- Handed out Coupons to Barbeque

**Robin in the Hood Festival** *Elmira, Ontario*

GARBAGE COLLECTOR AND LANDSCAPER *6th May 2023*

- Helped clean up Gibson Park in Elmira
- Picked up garbage and other waste in Gibson Park
- Helped take out weeds and dead plants at Woolwich Memorial Centre
- Picked up garbage and leaves at Woolwich Memorial Centre
- General Landscaping at the memorial centre