

# Dante Fernando

Waterloo, Ontario

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## Skills

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- High level of proficiency & experience
  - Command Line Interface tools - SSH, Bash, GNU Core Utilities, Git, Tmux
  - Linux/UNIX operating systems - Windows and MacOS
  - Microsoft software – Word, Excel, PowerPoint
- Practical Knowledge & Experience
  - Programming Languages - Java, Python, Shell Scripts
  - Server administration: Shell Scripts, Troubleshooting, Linux-based server deployment and maintenance
  - Virtualization technologies - VirtualBox, QEMU
  - Multiple Linux distributions - Arch, Debian, Ubuntu, Raspberry Pi OS
- Other relevant skills & attributes:
  - Excellent English language spoken & written
  - Strong Interpersonal skills working collaboratively within teams
  - Efficient activity organizational, time management & multi-tasking ability
  - Hands on experience with computer hardware procurement, handling & maintenance
- Intermediate Language Skills
  - Dutch
  - French

## Work Experience

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### Canzan Contracting Ltd.

St. Catherines & North Bay, Ontario

#### CONSTRUCTION WORKER ASSISTANT

Aug. 2023, 2024

- Assisted in renovating and constructing The Shoe Company at multiple shopping centres.
- Supported carpenters with preparing, measuring, framing, and securing components
- Developed processes to increase productivity, while maintaining workplace safety and standards
- Expedited project timelines by transporting materials between storage areas and work sites

### Lowe's Canada

Waterloo, Ontario

#### CUSTOMER SERVICE ASSOCIATE

Oct. 2022 – Jan. 2023

- Interacted and helped a large volume of customers daily with a positive approach and service attitude
- Developed knowledge of software (scanners & desktop computers), tools and hardware in order to support the hardware department
- Provided solutions to customers to serve their needs and drive sales

### Julen Property Management Co.

Huntsville, Ontario

#### PROPERTY MAINTENANCE WORKER

Aug. 2019 – Oct. 2022

- Performed landscaping and general maintenance of multiple properties in London, Huntsville, and Waterloo, Ont.
- Maintained household equipment and appliances in working order

### 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
- Quickly learned new skills and applied them to daily tasks improving efficiency and productivity
- Supported fabricators with inventory management and workplace housekeeping
- Promoted safe and secure practices and habits in a dynamic work environment

## Education

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### University of Western Ontario

London, Ontario

#### BACHELOR OF ENGINEERING SCIENCE (BESc) – 2ND YEAR GENERAL ENGINEERING

Sep. 2023 – Expected May 2027

- Achieved A+ Average in First Year Java Fundamentals for Engineers Course
- Achieved A+ Average for Second Year Computer Science and project courses

### 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

### HIGH SCHOOL

- Received **Advanced Subsidiary Qualification** (2022)
- Awarded **"Academic Award for Computer Science"** (2021)
- Received **General Certificate of Secondary Education Qualification** (2021)
- Awarded **"Principal's Commendation"** in Recognition of **"Commitment to Learning"** (2020)
- Extracurricular Activities: School Basketball Team (2019-2022)

The Hague, Netherlands

Sep. 2017 – Jul. 2022

## Projects

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### Winter Design Project, Western University

London, Ontario

#### SELF SPOTTING SQUAT DEVICE FOR THE VISUALLY IMPAIRED

Jan. 2024 – Apr. 2024

- Designed using CAD Onshape to produce 3D Printed prototype
- 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

### Final CS Project, Laurel Heights Secondary School

Waterloo, Ontario

#### TEACHER GRADE BOOK (JAVA)

Sep. 2022 – Feb. 2023

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

## Volunteer Experience

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### KW Walk Day for Cystic Fibrosis Canada

Waterloo, Ontario

#### LOADING/UNLOADING ASSISTANT, SET UP, TEAR DOWN & MOTIVATIONAL SUPPORT

28th May 2023

- Loaded and unloaded trucks and vans of equipment
- Helped lift and pack up equipment (tear down and set up)

### Robin in the Hood Festival

Elmira, Ontario

#### GARBAGE COLLECTOR AND LANDSCAPER

6th May 2023

- Helped clean up Gibson Park in Elmira
- Helped take out weeds and dead plants at Woolwich Memorial Centre
- Outdoor maintenance and cleaning at Woolwich Memorial Centre