Dante Fernando

Waterloo, Ontario

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Skills

- 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 distrb. - Arch, Ubuntu, Raspberry Pi

- 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

Canzan Contracting Ltd.   *St. Cath., N. 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*

- Trained in proper lifting techniques to prevent injury and preserve safety of workers and customers
- 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 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
- Helped with general painting and basic property development projects

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

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   *The Hague, Netherlands*

HIGH SCHOOL   *Sep. 2017 – Jul. 2022*

- 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)

Projects

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

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

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

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
- 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*

- 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

REFERENCES AVAILABLE UPON REQUEST