

Dallas W. D. Hart

Experience

Belfiore's Valu-Mart / Kitchener, ON

Front-End and Closing Manager | February 2021 - Present

- Corrected perpetual inventory while also reducing shrink
- Spearheading our cashier statistics and coaching, including: PC optimum penetration, items per minute, and overall satisfaction
- Lead our front-end team to win 3rd place in an internal PC optimum contest, improving our performance by over 20%

Personal Shopper | October 2020 - February 2021

- Received and personally fulfilled orders according to customer requests, substituted products based on item availability

Cashier | April 2020 - October 2020

- Managed returns, recalls, overrides, as well as lottery sales at our courtesy desk.

Cameron Heights Programming Club / Kitchener, ON

Executive | March 2020 - Present

- Coordinated CamHacks 2021 and ECOO-CS 2020
- Ran weekly help & training sessions focusing on data structures and algorithms to assist students in computer science classes, as well as those preparing for contests.
- Assisted members with contest practice

Member | September 2018 - March 2020

- Engaged in Camhacks 2018 & 2019
- Participated in the CCC as well as the ECOO-CS contests scoring in the top levels of the junior section
- Weekly practice for

Projects

Online Chess Bot / 8 Weeks

- Used C++ to create high speed move generation which generated over 80 million positions per second
- Utilized low level concepts to optimize for efficiency
- Linked lichess.org's API via Python to enable online play

Nand2Tetris / 6 Weeks

- Built a computer from the ground up, beginning with a nand gate, ending with a fully fledged operating system
- Gained practical experience in various aspects of computer science, including but not limited to: linked lists, trees, hardware design, allocation, parsing, lexing, scheduling, syntax design and two-tier compilation

References

Jason Brisson

Belfiore's Valu-Mart
Front-End and Hiring Manager

Lee Fryer-Davis

Cameron Heights C.I.
Programming Club Supervisor
and Computer Science Head

Ed Thompson

KW Chess Club
Tournament Director and
Secretary

Contact

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Soft Skills

- Quality Initiative
- Self-Motivation
- Active Problem Solver
- Creative Design Choices
- Performance Coaching
- Team Leading and Team Building
- Responsible and Punctual

Hard Skills

- High performance computing by means of C/C++
- Prototyping with Python
- Back-end design via Javascript and Typescript
- Open-source collaboration, version control, and continuous integration using git and github
- Data structures and algorithms mastery
- Familiarity with NodeJS, Vue, and Meteor

Education

Cameron Heights C.I.

2018 - Present / Kitchener, ON, CA

Notable Courses

- Computer Science
- Computer Engineering
- IB Calculus & Vectors
- IB Advanced Functions
- IB Physics
- IB Chemistry