Andrew Green

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Objective: To connect and share exciting projects with like-minded embedded systems engineers.

Experience:

- **Guitar Center, Inc., West Hollywood, CA and Cheektowaga, NY**   November 2018 - July 2023
  - *Store Lead and Operations Associate*
    - Received web-orders, special purchase orders, and store-in-transit gear
    - Monitored merchandised, sold, and reserved gear to curtail losses (shrink)
    - Received palletized gear from trucks using an electric pallet jack

- **Capstone Logistics, LLC, Paramount, CA**   October 2017 - October 2018
  - *Warehouse Associate*
    - Unloaded pallets with product from trucks using electric pallet jacks
    - Broke down, restacked, and wrapped product on usable pallets for receiving

- **Barnes & Noble Warehouse, Reno, NV**   November 2016 - August 2017
  - *Material Handler*
    - Performed picking and put-away of items using RFID guns
    - Completed E-Com and retail orders
    - Used pallet jacks for moving heavy loads

- **Bally Technologies, Inc., Reno, NV**   November 2013 - May 2014
  - *Programmer (internship)*
    - Re-designed and implemented numerical recognition in C++ with OpenCV

- **Reno Drain Oil Service, Sparks, NV**   March 2009 - November 2016
  - *Inventory Handler*
    - Performed secretarial and bookkeeper assistant duties
    - Moved 55-gallon oil filter drums manually and with a dolly
    - Operated an oil filter crusher

Education:

- **University of Nevada-Reno, Reno, NV**
  - August 2011 - May 2014
  - Bachelor of Science, Computer Science and Engineering

- **University of Nevada-Reno, Reno, NV**
  - August 2009 - May 2011
  - Associate of Science, Computer Science

Experience:

- Implemented a character recognition application for a subsidiary slot machine manufacturer
- Composed bug reports for developers of the GNU Emacs text editor project
- Completed a number of soldering projects, including the assembly of an AM/FM radio
- A track record of four years experience of team management at three Guitar Center store locations

Skills And Abilities:

- Programming in C and assembly languages such as x86 and MIPS
- Writing Python scripts for applications from an open-world simulation to a custom assembler
- Designing gate-level and large-scale circuits and implementing them in HDL
- Ability to program for microcontrollers, transducers, LCDs, LEDs, and other components
- Familiarity with Linux Ubuntu and the Bash shell and ability to write Bash scripts
- Familiarity with the GitHub version control system
- Understanding of the boot order in the context of legacy BIOS and UEFI running various OS
- Intermediate-level ability to use Word, Excel, Outlook, and other Microsoft applications
- Ability to marry C++ with OpenGL to create simple 3D simulations