

# Andrew Green

3405 Skyline Blvd | Reno, NV, 89509 | (775) 762-5595 | andrewg.engr@gmail.com

## Education

- **University of Nevada-Reno, Reno, NV** August 2011 - May 2014
  - Bachelor of Science, Computer Science and Engineering
- **Truckee Meadows Community College, Reno, NV** August 2009 - May 2011
  - Associate of Science, Computer Science

## Professional Experience

- **Bally Technologies, Inc., Reno, NV** November 2013 - May 2014
  - *Programmer (internship)*
    - Coordinated team efforts to ensure completion of a jackpot monitoring system
    - Handpicked optimal design methods for developing system functionality
    - Implemented text recognition in C++ using OpenCV to display dollar amounts
    - Gave feedback on hardware and networking solutions for efficient data transmission

## Volunteering Experience

- **GNU Emacs, worldwide online project** August 2023 - now
  - *Contributor*
    - Composed bug reports for developers of the GNU Emacs text editor project
    - Compiled documentation to allow users to send and receive email via the editor

## Technical Skills And Abilities

- Programming in C and x86 assembly language to write low-level software such as bootloaders
- Writing Python scripts for applications from an open-world simulation to a custom assembler
- Completing projects involving soldering, including the assembly of an AM/FM radio
- Designing gate-level and large-scale circuits and implementing them in HDL
- Ability to program microcontrollers to trigger 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