ANDREW HAMON

3154 Alafaya Club Dr.
Apt. 304
Orlando, Fl 32817

(850) 960-1646
andrew@hamon.cc
andrew.hamon@knights.ucf.edu

hamon.cc
github.com/andrewhamon

WORK EXPERIENCE

Pool Monitor, Treasure Island Beach Resort and Condominium

Panama City Beach, Florida — Summer Break 2013

- Enforce pool rules
- Keep pool area clean, orderly, and safe
- Provide friendly and enthusiastic customer service to guests
- Assist maintenance staff with miscellaneous jobs

Stock Replenishment, Hollister

Panama City Beach, Florida — Summer 2012 - Spring 2013

- Audit and replenish sales floor stock
- Maintain an organized and efficient stock room
- Prep sales floor for floor set changes
- Audit and update sales floor marketing

Dishwasher, Genghis Grill

Panama City, Florida — Summer Break 2012

- Wash dishes
- Backup grill master when needed
- Keep a clean and orderly kitchen

Bus Boy, Sherlock's Mystery Dinner Theater

Panama City Beach, Florida — Summer Break 2011

- Bus tables
- Assist customers
- Team work with other wait staff
- Dishwashing after a show

SUMMARY

In order to satisfy my lifetime fascination with electronics and general love of learning, I hope to graduate with a Bachelor of Science in Electrical Engineering from the University of Central Florida. After graduation, I plan to serve my country in the Navy as an officer in their nuclear engineering program.

EDUCATION

University of Central Florida

B.S. Electrical Engineering — 2013-present

- 3.2 GPA
- 97 completed and in-progress credits

Relevant Coursework

- Calculus I, II, III
- Elementary Differential Equations
- Physics I, II (Mechanics, Electricity and Magnetism)
- Engineering Mechanics: Statics
- Probability and Statistics for Scientists and Engineers
- Fundamentals of Chemistry for Engineers

SKILLS

- Proficiency in Python
- Working knowledge of Java, C/C++, Ruby, MatLab
- Basic web development knowledge
- Bash/Unix
- Version Control with Git
- DSLR photography (in any mode)
  - Knowledge of flash photography
- Knowledge of basic DC circuits and microcontroller use (i.e., Arduino)
- Microsoft Office (particularly Word and PowerPoint)
- Google Apps for Business (my email address, andrew@hamon.cc, is hosted on a Google Apps for Business account which I set up myself)
- Experienced in all major operating systems (Windows, Mac OS X, Linux)

PERSONAL PROJECTS

- Dynamic lighting based on real time FFT audio analysis, powered by Processing (Java) and Arduino
- Giant working calculator costume, using capacitive sensing for the buttons and six giant seven-segment displays for the display, powered by Arduino
- A batch image thumbnail generator for my NAS, written in Python and optimized for multiple processing cores
- Optical mouse based displacement sensor for BoeBots (in EGN 1006), which then allowed the gathering of input data for a PID feedback loop to ensure the bot did not drift off of its specified course.