3400 S Kofa Dr.
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ADAM CLARK

Objective	Seeking to contribute to efficiency, by utilizing any and all information gained in any sub-division of electrical engineering systems via logical and innovative reasoning.

Education

Undergraduate

B.S. of Electrical Engineering Anticipated Graduation Date: May 2016
Specialization in Digital Systems
Northern Arizona University Flagstaff, Arizona

Related Coursework:

- Power Systems
- Fundamentals of Computer Engineering
- Fundamentals of Signals and Systems
- Microprocessors
- Fundamentals of Microelectronics
- Fundamentals of Electromagnetics

Projects

Completed projects:

- Material Condition Assessment of Large Transformers
- Flame Scanner Monitor Retrofit
- "SCOMP" Simulated Computer
- "Labyrinth" game on MSP430 Microcontroller
- "People Mover" Simple Robotics involving Arduino Microcontroller

Skills

Computer Proficiencies

MatLab, 68k Assembly Language, Quartus II, VHDL.
MS: PowerPoint, Word, and Excel

Other

Circuit Design, PCB Layout, Guitar, & Interpersonal Skills

Experience

Engineering Experience

Engineering Intern May. 2014 – Aug. 2014
APS – Fossil Generation – Redhawk Arlington, Arizona

- Retrofitted flame scanner monitoring modules to module cabinet, tasks include:
  - Removal of unnecessary equipment for real estate purposes
  - Wiring of module and wire placement for physical placement

Engineering Intern May. 2013 – Aug. 2013
APS – Fossil Generation – Cholla Joseph City, Arizona

- Performed system health checks for large transformers and freeze protection panels
- Offered support and assisted mentoring engineer in product information
- Presented System Health findings to APS Upper Management

Other Experience

Grader/FYLI TA –Introduction to Electric Circuits Feb. 2014 – May. 2014
Northern Arizona University - Engineering Flagstaff, Arizona

- Assisted Students with homework assignments
- Encouraged students with below average grades
- Organized study groups for difficult courses