

ELIAS HEARD

ejheard@me.com

303-999-7723

CAREER OBJECTIVE

I want to continue my professional growth while contributing to the success of a next-generation organization, and find an environment that promotes collaboration and ingenuity. I am a self-starter, known for dedication, resourcefulness, and timely completion of multi-faceted projects.

EDUCATION

Georgia Institute of Technology

Atlanta, GA

B.S. Electrical Engineering

Expected Graduation: December 2013

Major GPA: 2.30

Cumulative Dual-Degree GPA: 3.25

Fort Valley State University

Fort Valley, GA

B.S. Mathematics

Expected Graduation: December 2013

Major GPA 3.88

SKILLS

Proficient in NI LabVIEW. Experienced in JGrasp Java Programming; MATLAB programming; C programming (Netbeans); Quartus II Software (VHDL); Protoboard Wiring; Usage of Oscilloscopes, Logic Analyzers, and DE2 boards. Expert in all Mac OS X and Windows Office programs. Literate in Spanish.

RELEVANT COURSES

Introduction to Signal Processing, Electromagnetics, Digital Design Laboratory, Electrical Energy Systems, Systems and Control, Microelectronic Circuits, Circuits and Electronics Laboratory, Control Systems Design, Program Design for Engineers, Introduction to Computer Engineering, Computer Vision, Systems and Control.

PROFESSIONAL EXPERIENCE

Bureau of Reclamation, Denver, CO
2013

June-August

AmeriCorps Intern

- Developed data acquisition system for concrete mixture proportion mixing using LabVIEW programming.
 - o Utilized thermocouples for temperature measuring equipment.
 - o Assembled a data acquisition machine to measure multiple samples.
- Conducted safety walkthroughs.
 - o Inspected potential safety hazards in the lab.
 - o Took preventative actions to ensure safe working environment.
- Assisted in concrete mixing.
- Organized and sorted the research laboratory's filing system.

eBay, Draper, UT
August 2011

June-

Operational Excellence INROADS Intern

- Learned basics of SQL.
 - o Retrieved information about software bugs encountered by eBay customers.
 - o Acquired eBay employee data to complete tasks.

- Defined root-cause of opportunities for improvement of experience in the eBay community.
 - Improved technology and product teams that utilize Six Sigma Projects and data.
- Optimized customer support data.
 - Understood how data was developed from customer buying preferences.
 - Helped set up groundwork for future projects.

OTHER EXPERIENCE

Tough Mudder, Aspen, CO

June 9-June 10 2012

Contract Worker

- Supervised station on obstacle course.

Christian Fellowship Bible Study, Fort Valley, GA

August 2008-May 2011

Vice President

- Sponsored and organized campus events, weekly meetings, study sessions, and prayer meetings.

AWARDS/HONORS

Full-tuition Scholarship, CDEP, (2008-2012) ~ **\$86,000.00**

Scholarship Recipient, NCTA Scholarship, (2011-2012) ~ **\$1,500.00**