

Kelly S. Lewis

807 E. 100 N. #4, Logan, UT, 84321, (435) 881-9001, kells@cc.usu.edu

Purpose: Introduce myself to future employers

Education: **Anticipated M.S. Electrical Engineering, USU, Logan, UT Dec. 2007**

- Focuses: imbedded system hardware/firmware design, control systems, real time digital signal processing
- GPA: 3.92

B.S. Electrical Engineering, USU, Logan, UT Dec. 2006

- Focuses: microcontroller/microprocessor systems, analog & digital circuits/signals analysis, and wireless communication systems
- GPA: 3.90 — Magna Cum Laude

A.S. General Studies, BYU-ID, Rexburg, ID July 2004

- Key classes: Circuit Analysis I, Digital Design I
- G.P.A: 3.96

Work: **Electrical Engineer I**, October 2006 – Present

Acclima, Inc., Meridian ID

- Became familiar with MSP430 and ARM-Cortex architectures
- Gained experience in hardware design under extreme low power and cost constraints
- Designed and implemented firmware to operate hardware

Lab Technician, January 2005 – Present

USU Soil Physics Laboratory, Logan UT

- Operate ground system for USU-SDL-NASA ORZS project
- Generated and delivered technical presentations on electronic measuring equipment use in the Soils 5650 and Soils 6410
- Assisted in the publication of three scientific papers to date

Other Work: USU Academic Resource Center, Logan, UT

Supplement Instructor Leader, Sept. 2005 – Present

Math Tutor/Lab Assistant, Sept. 2004 – January 2005

- Mentored multiple students in open-study settings and one-on-one
- Received training on effective interpersonal communication and instructional and presentational skills

Experience:

- 2 Years ecclesiastical/community service for the cities of Tempe, Gilbert, and Mesa Arizona. 2001-2003
- Proficient with Microsoft Office, Orcad tools,
- Experience with C, C++, Assembly, Visual Basic, Edlog, CRbasic.

Honors:

- 9 times Deans List at BYU-I and USU
- BSA Eagle Scout

Scholarships:

- Presidential Academic Transfer Scholarship, USU, 2004-2006
- Full Tuition-Academic, BYU-Idaho, 2003-2004

Kelly S. Lewis

807 E. 100 N. #4, Logan, UT, 84321, (435) 881-9001, kells@cc.usu.edu

References: David Anderson—Co-worker and Supervisor
Acclima Incorporated
2260 East Commercial Street, Meridian ID, 83642
david@acclima.com
1-866-887-1470

Dr. Scott Jones—Previous Employer
USU Soil Physics Laboratory
4820 Old Main Hill, Logan UT, 84322-4820
stjones@cc.usu.edu
435-797-2175

Dr. Brandon Eames—Major Professor and Mentor
Dept. of Electrical and Computer Engineering @ USU
4120 Old Main Hill, Logan UT, 84322-4120
beames@engineering.usu.edu
435-797-2841

Dr. Phillip Rasmussen—Ecclesiastical Reference
LDS Bishop
philr@ext.usu.edu
435-797-3394