

## ASHTON JACKSON

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### SUMMARY

Newly graduated engineer with hands-on experience and demonstrated problem solving capabilities seeking a technical role with diverse responsibilities and project management opportunities

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### EDUCATION

**Texas A&M University, College Station, TX**

**December 2013**

**Bachelor of Science, Electrical Engineering**

- Focus on Signal Processing; Electromagnetics
  - Minor in Russian
  - Student Body Senator, Texas A&M Student Senate
  - Member, Society of Women Engineers, IEEE, Texas A&M Russian Club
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### EXPERIENCE

**Emerson Process Management, Austin, TX**

**Summer 2013**

*Software Test Engineering Intern*

- Built and managed two process control systems, enabling the test engineers to analyze newly released hardware and software products.
- Developed “watchdog” software system to record and prevent anomalous, undetected loss of controller communications.
- Created interactive graphical interface for proprietary “historian” software, allowing software testers to monitor health of multiple continuous historians.
- Designed and delivered an instructional class for engineers and managers, teaching methods for efficiently creating dynamic monitors and watchdogs for testing
- Diagnosed and repaired a malfunctioning GPS time server and antenna, restoring the ability to detect satellites and synchronize the test network with a common GPS master clock

**Students For Liberty, Washington, D.C**

**2012-2013**

*Member of North American Executive Board and Campus Coordinator*

- Led teams of 5-30 people to market, organize, and execute national events attended by 3000+ people
- Moderated discussion panels between politicians and scholars at statewide assemblies

**Samuel Jackson, Incorporated, Lubbock, TX**

**2011-2012**

*Fabrication and Assembly Worker; Programmer*

- Fabricated, assembled & tested control panels and cotton processing equipment from steel, aluminum & plastic
- Worked with PLCs and developed novel web interface for end-to-end processing plant telemetry, including instrumentation communications

**The Office of Representative Lamar Smith, Washington, D.C.**

**Summer 2011**

*Congressional Intern*

- Primary constituent contact and office aid in Congressman’s personal office
  - Attended Space & Technology hearings and briefed staff on new developments
  - Met with IEEE’s senior legislative staff to discuss bills on technology and patent reform
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### ADDITIONAL

- Earned student pilot’s license at age 16
- Russian: Verbally conversant. Moderate written. Member of National Slavic Honor Society.
- Proficient in: AutoCAD, C++, Verilog, PHP, MySQL, HTML, CSS, Java, LabView
- Manufacturing experience: Flow abrasive water jet, Muratec Wiedemann turret punch press, MIG and TIG welding, Accurpress press brake, Cincinnati shears, cold saw, forklift, diesel hydraulic scissor lift, soldering
- Rower, Texas A&M Crew
- National Merit Scholarship, Presidents Endowed Scholarship, Michl Berman ’82 Scholarship
- Voting member, Choctaw Nation