**Ashton Jackson**

3645 Wellborn Road • Apartment 1335 • Bryan, Texas 77801 • 806-392-7701 • ashgray13@gmail.com



**SUMMARY**

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



**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



**EXPERIENCE**

**Emerson Process Management, Austin, TXSummer 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



**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