Ashton Gray Jackson

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**OBJECTIVE**

I am interested in obtaining a full-time position in a challenging environment that will allow me to utilize my knowledge of engineering as a well-rounded professional.



**EDUCATION**

Texas A&M University, College Station, TX

Bachelor of Science, December 2013

Major: Electrical Engineering. Focuses: Computer Engineering; Electrophysics, Electrooptics, and Microwaves

Minor: Russian

**EXPERIENCE**

**Emerson Process Management,** Austin, TXMay 2013-Present

*Software Test Engineering Intern, Summer 2013*

* Earned DeltaV (DCS) Level 1 Certification
* Re-designed and managed a system of controllers used for experimental testing
* Upgraded DeltaV electronic marshalling systems (hardware & software)
* Performed DeltaV startups on the company’s process simulator as it is done in industry
* Created dynamic user interface in DeltaV for monitoring communications and system health
* Diagnosed and corrected malfunctioning GPS timeserver and antennas
* Created software testing tools; performed software tests

**Students For Liberty,** Washington, D.C.May 2012-May 2013

*Campus Coordinator*

* Elected onto SFL’s North American Executive Board
* Liaison for existing freedom oriented organizations in TX, CO, OK, LA, NM, AR
* Organize, moderate, and market events of 1500+ people, and jumpstart organizations

**Samuel Jackson, Incorporated,** Lubbock, TXMarch 2012-Aug 2012

*Fabrication and Assembly Worker*

* Fabricated, tested, and assembled electrical panels and cotton gin equipment
* Programmed and operated various large-scale fabrication equipment

- Primary operator of a Muratec Wiedemann turret punch press

- Regularly operated a Flow abrasive waterjet, a PlasmaCAM, and an Accurpress press brake

- Fabricated parts using Cincinnati shears, ironworker, drill press, mill.

- MIG and TIG welded

- Worked with 10-gauge -- 3/4” stainless steel, hot roll, cold roll, aluminum, and UHMW plastic

**Samuel Jackson, Incorporated,** Lubbock, TXJan 2001-Aug 2011

*Programmer and Administrative Assistant*

* Developed a website using PHP, MySQL, and Java to accompany a major product

- Website was presented to the Texas International Cotton School in August 2011

- Website is used in gins around the world

* Developed a website to be used as a VPN access portal
* Inventoried a large manufacturing area and assisted with parts deliveries
* Assisted with orders, large mail-outs, bookkeeping, company events, and customers

**TMCYouth,** Boston, MA Aug 2011-June 2012

*Regional Representative*

* Acted as the only liaison for 25 college organizations in TX, LA, MI, AL, GA, FL
* Coordinated regional lectures and events

**Internship,** Washington, D.C. May 2011-July 2011

*Congressional Intern*

* Acted as primary constituent contact and office aid in Congressman’s personal office
* Attended hearings, verbally briefed staff head of Space and Technology on new developments
* Researched large variety of technical and nontechnical bills for staff
* Met with IEEE’s senior legislative staff to discuss bills on technology and patent reform
* Gave VIP tours of US Capitol and Congressional buildings and managed flag orders

**Sabinal Real Estate,** Lubbock, TX Jan 2003-June 2011

*Remodeling Assistant*

* Updated light switches, electrical outlets, and fixtures
* Painted interiors, removed carpet, moved and assembled furniture, assisted in laying flooring

**The Association of Lynn Jackson, CSB,** Lubbock, TX May 2009-March 2011

*Programmer, Researcher, and Typist*

* Developed and maintained the Association’s website
* Researched historical information and edited documents

**SKILLS**

**Programming Languages:** C++, Verilog, PHP, MySQL, HTML, CSS, Java

**Software:** DirectSoft by Automation Direct, C-More Touch-Screen Software, Adobe Dreamweaver CS4, Matlab, Microsoft Visual Studio, Eclipse, QtSpim, MacSpice, Maya, Microsoft & Mac Office Suites, basic AutoCAD experience, Emerson’s DeltaV (Process Management Software)

**Operating Systems:** Mac OSX, Windows

**Foreign Languages:**

* Russian: Mainly conversational. Moderate written, basic spoken.
* French: Basic conversational.

**ACTIVITIES**

*Student Body Senator* - **Texas A&M Student Senate, Engineering Caucus** April 2013-Present

*Founder* - **Redefining Liberty, Texas A&M Organization** July 2012-Present

*Co-Founder, VP, and Treasurer -* **Youth for Paul, Texas A&M Chapter**Sept. 2011-August 2012

*Member -* **Young Americans for Liberty - National & Texas A&M Chapter** July 2011-Present

*Member* - **National IEEE and Texas A&M Chapter** Nov 2010-Present

*Member -* **Texas A&M Russian Club**August 2010-Present

*Member -* **Society of Women Engineers** August 2009-Present

*Member & President* - **Texas A&M Christian Science Organization** August 2009-Present

* Coordinated annual state-wide summits, including public lecture, accommodations, and travel

*Ethernet Cable Creator and Supplier -* **Personal Project** August 2009-May 2010

*Rower* - **Texas A&M Crew** August 2009-Dec. 2009

* Assisted with boat assembly, transportation, and other regatta coordination
* Won various regattas in 8-boat with varsity women’s team

*Student Pilot -* **Hub City Aviation,** Lubbock, TX July 2006-July 2009

* Received private flight instruction and earned student pilot license
* Attended FAA ground school and received an A on the FAA Private Pilot Written Exam
* Completed many solo flights, including cross-countries around Texas

**HONORS & ACHIEVEMENTS**

Sigma Alpha Lambda – Texas Tech Chapter, Dwight Look College of Engineering Distinguished Student Award – Fall Semester 2011, Michl Berman ’82 Scholarship, Directors’ Excellence Award, Presidents Endowed Scholarship**,** National Merit Scholarship, Merit Plus Scholarship, Natl. Merit Recognition Award, Dobro Slovo – The Slavic National Honor Society