

SCOTT WILLIAMSON

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OBJECTIVE

Highly motivated graduate seeking an entry-level position in mechanical engineering.

EDUCATION

The University of Texas at San Antonio

Bachelor of Science in Mechanical Engineering

Overall GPA: 3.0 Engineering GPA: 3.3

Graduated May 2012

Fundamentals of Engineering Exam

Passed April 2012

Northwest Vista College

Associate of Arts in Business Administration

Graduated May 2008

ENGINEERING SKILLS

- Computer Skills: CAD (SolidWorks & AutoCAD), MATLAB, LabVIEW, Microsoft Office (Excel, Word, PowerPoint), Microsoft Project, Arduino Microcontroller
- Technical Skills: Product design including planning, scheduling, data acquisition, testing, and delivery.
- Personal Skills: Excellent communicator with supreme customer service experience, excellent presenter and public speaker, works well in team and individually, unique ability to solve problems in an innovative manner.

ENGINEERING PROJECTS

- *Senior Design*-Successfully designed an original apparatus for client Tippmann Sports as an improvement to a paintball marker, a (2-semester project), including costs, apparatus design, materials, and mass manufacturing projections. Authored and delivered project presentations via teleconferencing to client and engineering department heads.
- *Mechatronics*-Designed and built a small scale overhead crane with position capabilities using arduino as a microcontroller.
- *Mechatronics*-Modified a RC car into an autonomous vehicle with color recognition capabilities to successfully find and capture another RC vehicle.
- *Controls Lab*-Designed a data acquisition system and analysis for a GE J-85 jet engine.
- *Controls Lab*-Designed a household dryer control system to prevent a common cause of fire.
- *Heat Transfer*-Designed a heating system for large building using a nearby heat sink reservoir.
- Various other projects that developed analytical skills in stress analysis, cycle life of machine parts, manufacturing processes, thermodynamic reactions/heat transfer projects, and integrating electrical components with mechanical principles.

EMPLOYMENT EXPERIENCE

Hyatt Hill Country & Resort

- 2008 to Present • Serve as a senior level guest agent responsible for front-line representation to 80 to 120 golf customers on a daily basis. Maintain exemplary customer relations throughout tenure.
- Coordinate and organize golf tournament set-ups, services, and golf equipment readiness projects.
 - Provide team leadership and serve as a mentor to new Guest Service Representatives. Establish work priorities, scheduling, and integrate streamline logistics.