

# Nick Seidemann, Mechanical Engineer

720 Falcon Lane, Coppell, TX 75019 • (214) 934-5985 • nick.seidemann@verizon.net

---

## QUALIFICATIONS PROFILE

---

Analytical and versatile **Mechanical Engineer** with experience leading projects.

- Engineer in Training. Pending approval from Texas Board of Professional Engineers.
- Adept at troubleshooting problems and identifying needs for improvement.

---

## PROFESSIONAL EXPERIENCE

---

A&M INDUSTRIAL ASSESSMENT CENTER (IAC), COLLEGE STATION, TX

**Student Technician**, 2014 – 2015

- Performed energy audits at various manufacturing facilities throughout state of Texas
  - Participated in 10 energy audits
  - Facilities often consisted of industrial, warehouse, and office spaces
- Contributed to technical reports that recommend utility savings for factories
  - Equipment analyzed include compressed air, lighting, electric motors, HVAC
  - Recommendations included retrofitting lighting, install occupancy sensors, repair compressed air leaks, reduce air pressure, power factor correction, use high efficiency motors, etc.
- Personally recommended over 4.4 million kWh in energy savings resulting in cost saving of over \$400,000
- Utilized occupancy/light data loggers, motor on/off data loggers, light level meter, etc., during audits
- Was a team leader during an assessment with responsibilities including utility bill analysis and compiling the report

NCH CORPORATION, DALLAS, TX

**Process Engineering Intern**, Summer 2015

- Documented and tracked plant material waste
- Provided data used to decrease material scrap percentage to 4% resulting in substantial savings
- Coordinated operations, interacted with machine operators, and participated in plant efficiency meetings

EBAY ENTERPRISE, COPPELL, TX

**Owner/Entrepreneur**, 2010 – Present

- Purchase, refurbish, and resell approximately 100 electronic items per year
- Design listings and organize business expenses and records

## CLASS PROJECTS

NASA SENIOR DESIGN, COLLEGE STATION, TX

**Team Member**, Spring 2015 – Fall 2015

- Completed preliminary design of rocket engine
- Contributed designs and ideas for Mars lander and transportation habitat
- Helped prepare presentation and report for NASA

---

## EDUCATION & PROFESSIONAL DEVELOPMENT

---

**Bachelor of Science, Mechanical Engineering** | GPA: 3.28 | TEXAS A&M UNIVERSITY | 2015

**Eagle Scout** / National Eagle Scout Association (NESA) | 2009

**American Society of Mechanical Engineers (ASME)** | 2014 - 2015

**The Big Event** | 2012 - 2015

**Off Campus Aggies (OCA)** | 2012 – 2015

**Software Skills: Proficient with** | SOLIDWORKS | MATLAB | Inventor | Microsoft Office Word, Excel, PowerPoint