

Daniel Lewis Busby

343 Barclay Ln Apt. E, Dunwoody GA 30338 | 678-677-5058 | dlewisbusby@yahoo.com

Objective:

- Gain further professional experience in a position allowing room for future opportunity.

Professional Experience:

Leggett & Platt, CVP Division

(3 years | 2015-2018)

Engineering Admin:

- Use SolidWorks to create production, instruction, or sales drawings
- Product Prototyping, CAD Drafting, and Bill of Materials Maintenance

NordsonCorp, Adhesives Division

(1 year | 2011-2012)

Engineering Intern:

- Use SolidWorks to create sheet metal and 3D printed prototypes
- Project Management, CAD Drafting, Machine shop tools

NordsonCorp, Adhesives Division

(1 year | 2010-2011)

Testing Intern:

- Maintain HTML charts for test data using SQL queries
- Implement automatic test sampling system to prevent redundant testing

US Security Associates

(3 years | 2012-2015)

Security Officer:

- Screen entrants, monitor activity, file daily activity reports
- Alertness, awareness, client interaction, file management

CLACEC (CLArckston Computer and Engineering Club)

(1 semester | Spring 2013)

Chief Engineer:

- Train and assist group leaders in Engineering disciplines, Project management

Skills:

- CAD Software (*Autodesk Inventor, Solidworks, AutoCAD*)
- Prototype, Production, and Instruction Drawings (*Solidworks*)
- Strong Experience with Sheet Metal, some 3D Printing Prototypes
- Machine tools such as band-saw, Dremel tool, drill press, etc.
- Strong *Microsoft Office* Suite experience (Word, PowerPoint, Excel, Outlook)
- Five years Spanish speaking experience.
- Programming experience (*Java, Python, C#, SQL, HTML, MATLAB, LUA, x86 Assembly, ARM Assembly*)

Education:

Gwinnett School of Mathematics, Science, and Technology (GSMST)

(Class of 2012)

Diploma, Focus in Engineering and Emerging Technology, Robotics Club member
#1 Ranked High School in Georgia, #3 in the USA (*U.S. News, 2012*)

Georgia State University (GSU)

(Class of 2016)

A.S. Degree in Engineering, Chief Engineer of CLACEC Engineering Club

Georgia State University (GSU)

(Class of 2020)

Junior in Computer Science Major

Achievements:

- Certified SolidWorks Associate (granted by *Dassault Systemes*, Jeff Ray)
- AP Scholar with Honor (granted by *CollegeBoard*, Gaston Caperton)
- FIRST Tech Challenge Regional Robotics Champion (2009 Tennessee)

Notable Projects:

GSMST

(2009)

FIRST Tech Challenge Robotics Competition:

- Work in a team to design and assemble a robot to compete in the 2009 FTC Competition
- Includes prototyping, programming in Robot C, collaboration with a team, and assembly

NordsonCorp

(2011)

Adhesive Pellet Hopper Prototype:

- Design a multi-orifice adhesive pellet hopper to determine which adhesive pellets are most compatible with Nordson melters
- Includes Project Management, CAD Drafting, Machine shop tools, and data collection

Leggett & Platt

(2016-2018)

DISH Networks Fleet Package:

- Complete Sales drawing to secure customer orders, and prototype new parts for Dish Assembly Fixture
- Includes prototyping, CAD drafting, customer interaction, and BOM maintenance

(References available upon request)