

# LOGAN G. BLACKSTAD

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Business & Data Analyst focused on value-added business operations, technology innovation, and strategic growth. Highly motivated communicator that is eager to analyze data efficiently, implement robust reporting processes, and produce actionable insights that drive process improvements and profitability.

## SKILLS

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**Skills:** Data Analytics, Manufacturing optimization, Operations Management, Continuous Improvement  
**Software:** Python, R, MATLAB, VBA, SQL, SAP, Tableau, Power BI, Microsoft Office Suite (Excel, Access, Word, PP)

## EDUCATION

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**Georgia Institute of Technology, School of Engineering** - Atlanta, GA Aug 2011 – Dec 2015  
B.S. in Materials Science and Engineering | GPA: 3.61 | Minor: Industrial Design

## EXPERIENCE

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**Novelis** - Atlanta, GA Mar 2017 – May 2018  
*Buyer – Aluminum Recycling*

- Responsible for \$25MM+ in Aluminum Scrap purchases and material input demand planning for western U.S. market
- Collaborated daily with domestic/international metal procurement team and key-internal-stakeholders to create and manage S&OP targets required to meet ~1,500+ kT Annual North American Recycled Input Demand
- Developed Business Intelligence reporting dashboards (Excel, SQL, Power BI, Tableau) with supply chain and logistics teams to manage lean inventory flows, identify commodity risk/arbitrage, and track fluctuating metal prices
- Negotiated with vendors/customers/suppliers to gather market intel and secure favorable metal pricing and quality
- Travel (50%+) required to build relationships with suppliers, processors, and industry leaders

**Mercedes-Benz U.S. International, Inc.** - Vance, AL Feb 2016 – Mar 2017  
*Quality Engineer*

- Executed change management, manpower planning, process capability studies, and process validation for the production of the C-class (sedan) and GLE/GLS-class (SUV) Mercedes-Benz vehicles
- Drove product improvement plant-wide using process/quality management principles (Lean Six Sigma, ISO 9001)
- Built production and quality tracking systems (VBA, Excel VLOOKUP, Pivot Tables, Power BI)

**NTT Basic Research Laboratories** - Kanagawa, JAPAN Aug 2013 - Aug 2014  
*Research Associate Intern*

- Developed advanced optical semiconductor technologies for ultra-high speed telecommunications applications
- Collaborated with international research team to present material-performance data for scientific publication

**Texas Instruments Inc.** - Dallas, TX May 2013 - Aug 2013  
*Lean Manufacturing Intern*

- Applied Lean Manufacturing principles to eliminate non-value added process steps for higher quality fabrication and greater throughput of TI's semiconductor device technology
- Eliminated the source of \$200,000 of scrap in a 4 person intern team through Root Cause Analysis (RCA)
- Completed a chemical flow upgrade with a 40% cost savings over purchased parts (approx. \$30,000+ in savings)

## AWARDS

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National Science Foundation Grant Recipient - Nanomaterials Research - Atlanta, GA May 2012 - Dec 2012

- Received \$5,000 in National Science Foundation (NSF) grant money to research applications of metal nano-particles for use in electronic display and drug delivery technologies

## OTHER SKILLS

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**Languages:** English (native), Spanish (limited working proficiency), German (elementary proficiency)  
**Activities:** Long Distance Running, Cycling, Tennis