

ALICE MICHAELIS

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Professional Experience

- DAIMLER AG** Böblingen, Germany
Internship/Bachelor thesis - Advanced engineering/parts determination interior Feb. 2013 – Aug. 2015
- Topic: Technical concept and profitability analysis for a repair-oriented development of spare parts for interior door linings
 - Preparation and realization of tests on safety-relevant seating functions and new air conditioning systems
 - Assistance with spare part specification and documentation, as well as largely independent research and control of parts inquiries within the Daimler systems
 - Optimization and coordination of support and development processes
- Christian Filusch Handelsagentur GmbH & Co.KG** Düsseldorf, Germany
Technical and commercial assistant – Men's clothing production (Suits) Aug. 2015 – Dec. 2016
- Accompanying and supporting the entire process from collection development to delivery
- Alberto GmbH & Co.KG** Mönchengladbach, Germany
Industrial Clerk – Rotational Management Program (Industrial Certification) Aug. 2013 – June 2015
- Rotational program for the qualification as an industrial management assistant
 - Temporary clerical work in sales service and shipping administration

Research Experience

- The Nonwovens Institute / NC State University** Raleigh, NC
Research Assistant Feb. 2019 – present
- Working on the master thesis R&D-project about bicomponent nonwovens until the end of December 2019
 - Analysis of fiber cross-sections and their influence on the material structure and property/performance relationship
 - Forging international connections between The Nonwovens Institute and the textile faculty at HS Niederrhein
- University of Applied Sciences Niederrhein** Mönchengladbach, Germany
Research Assistant April 2018 – Feb. 2019
- Assistance on a project regarding antimicrobial coatings for leather
 - Undertaking research about materials for the denitrification of water
 - Support with the translation of documents and lecture manuscripts from German to English
 - Conceptual set-up of the Innovatorium

Education

M.S., Textile Engineering | University of Applied Sciences, Mönchengladbach expected Jan. 2020
B.S., Textile Technology | University of Applied Sciences, Mönchengladbach March 2018

Skills and Interests

Computer: TRIOS, SAP, Autodesk Inventor, Microsoft Office.
Technical: SEM, Rheology, nonwoven production, textile finishing, fabric costing.
Languages: English (proficient), German (native), Russian (native), French (beginner).
Interests and Affiliations: Tennis, Gliding, Cooking.
Volunteer Experience: Homework assistance.

Additional Accomplishments

- Fiber and Filament Extrusion Fundamentals (NWI/INDA)