

Max Hazlin

248 Spring Water Lane, New Canaan, CT 06840 | hazlmj18@wfu.edu | 203.919.9817

EDUCATION

Wake Forest University, School of Arts and Sciences, Class of 2022

Bachelor of Science in Engineering, Minors in Mathematics and German Language

Winston-Salem, NC

August 2018-Present

Relevant Coursework: Engineering: Thinking and Practice, Measurement and Analysis, Materials and Mechanics, Transport Phenomena, Control Systems/Instrumentation, Inverse Problems; Math: Calculus with Analytic Geometry I & II, Multivariable Calculus, Linear Algebra and Differential Equations, Statistical Models; General Physics I

COMPUTER AND LANGUAGE SKILLS

Computer: Proficient in SolidWorks; R; MATLAB; Adobe InDesign; Arduino; Processing; Microsoft Excel, PowerPoint, Word

Language: Fluent in English and German

PROJECTS

Chair Design Project

Fall 2018

- Produced a life-size cardboard chair prototype using the design process
- Consolidated user needs/wants, generated 50 ideation sketches, sketched orthographic and isometric drawings, assembled a miniature cardboard model, created and printed a 3D CAD model

Reverse Engineering Hairdryer Project

Spring 2020

- Employed reverse engineering techniques on a Hairdryer to analyze the components and structural hierarchy to develop a functional model of the system
- Reviewed the design decisions that went into the product including material, pricing, and durability

PROFESSIONAL EXPERIENCE

Jacobs Engineering Group (Jacobs GmbH) Internship

Berlin, Germany

Intern Project Support

May 2021-July 2021

- Support for industrial project with leading EV manufacturer in Berlin/Brandenburg
- Assisted in leading mechanical and electrical room designs
- Completed translations of engineering drawings from English to German
- Developed a system to organize design review comments

Engineering Research Internship, Wake Forest University

Winston-Salem, NC

Intern

May 2019-Present

- Developed a plan for a systematic ground and tower sensor network to study the effect of wildfires on vegetation regrowth in the southeastern United States
- Implemented five types of sensors across five towers in the field as well as in the ground
- Acquired skills in 3D printing, soldering, wiring, Raspberry Pi setup, and extensive use of MATLAB for data analysis
- Received a CEES Summer stipend, multiple URECA X semester scholarships, and Wake Forest Research Fellowship

HONORS, AWARDS, AND MEMBERSHIPS

Wake Forest University Dean's List, Spring 2019, Spring 2020, Fall 2020, Spring 2021

Winston-Salem, NC

Delta Alpha Phi - National German Honor Society, Wake Forest University

Winston-Salem, NC

Chapter Secretary

Jan 2021-Present

- Responsibilities included keeping minutes of chapter meetings and aid logistics of chapter events for 15+ members

Kappa Sigma Fraternity

Winston-Salem, NC

- Founding Father of the historic but dormant Delta-Omega Chapter; helped complete the colony road map, including academic and service requirements, and write the bylaws. Achieved Chapter status in January of 2020.
- Intramural Chair and Member of the Leadership Committee. Organized events and logistics for 60+ chapter members.
- Grand Scribe (Secretary) and member of Executive Committee. Organized all logistics for the chapter

ADDITIONAL EXPERIENCE AND INTERESTS

Chemical Engineering Summer Course, *Columbia University*

Summer 2017

Lived internationally: New Zealand, Malaysia, United Kingdom, Switzerland

2002-2016

United States and German Citizenship