

Torsten Maier

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SUMMARY

Experienced in Service Engineering and customer support
Proficient at 3D modeling and stress/fluid analysis software
Knowledgeable of gas turbine engine hardware and systems testing

ENGINEERING EXPERIENCE

Rolls Royce Corporation Indianapolis, IN Summers of 2016 and 2017

- Certificate of Training and Development received for AE 2100D3 and LiftFan Familiarization Courses
- 2016: Research and Component Testing Engineering Intern
- 2017: Service Engineering Intern

SABIC Innovative Plastics Co-op Mt Vernon, IN Summer 2015

- Crystallizer Performance Data Study – used technical understanding and statistical analysis to prove crystallizers were decreasing in performance over time and designed various solutions
- 4035 Series Demolition – designed the demolition of unused and outdated equipment including pumps, vessels, heat exchanges, and piping while maintaining safety, LOTO, and site demolition procedures

College of Engineering & Computer Science ME Laboratory Sept 2014-May 2017

- Selected by faculty to be one of three total class-level teaching assistants to provide mentoring and academic assistance to first and second year students in their projects and class assignments

EDUCATION

B.S. Mechanical Engineering Engineering Management / Mathematics Minors Graduated May 2017
UNIVERSITY of EVANSVILLE Evansville, IN **GPA 3.85**

Ph. D. Industrial Engineering Human Factors Engineering Expected May 2021
PENN STATE University Park Campus **GPA N/A**

ENGINEERING PROJECTS

NASA Student Launch Initiative Senior-Led Design Project for the University of Evansville

- This project includes the design, construction, and national competition of a high-power rocket
- Responsibilities as lead for Aerodynamics and Modeling team:
 - 3D modeling
 - CFD simulations
 - Physically integrating all sections within one body
 - Mentor a junior and sophomore
- Placed 8 out of 60 schools (also selected as Rookie Team of the Year)

SOFTWARE

CFD MatLab JUMP EES FEA 3D Modeling

LANGUAGES

English German

AWARDS/AFFILIATIONS

Dean's Advisory Council
Pi Tau Sigma – University of Evansville Chapter President
Graduated Summa Cum Laude from the University of Evansville