

Julian Tabascio

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<https://tabashdesignworks.github.io/portfolio/>

EDUCATION

University of Central Florida

Bachelor of Science: Mechanical Engineering

Graduation August 2024

Orlando, FL

- GPA 3.4/4.0
- American Society of Mechanical Engineers, Society of Automotive Engineers
- UCF Dean's and Presidents List Honoree multiple semesters
- **Relevant Coursework:** Thermodynamics, Principles of EE, Heat Transfer, Solid Mechanics, Structures & Prop of Materials, Machine Design II, Fluid Mechanics II, Modeling Methods, Vibrations & Controls, Digital Manufacturing

Olympic Heights High School

High School Diploma

Graduated May 2019

Boca Raton, FL

- GPA 4.15
- Engineering Program, National Honor Society, Spanish Honor Society

WORK EXPERIENCE

Vulcan Materials Company

Operations Intern

May 2022 – August 2022

Doral, Florida

- Utilize data-driven strategies to optimize operational processes.
- Manage supply chain operations, including demand forecasting and vendor relations.
- Enhance Standard Operating Procedures to improve workflows and safety.
- Develop and execute strategies for efficient resource allocation.
- Coordinate with departments to ensure project alignment.
- Conduct root cause analyses to address operational issues.
- Lead or participate in continuous improvement projects.

All Phase Services

Office Clerk

June 2021 – January 2022

Delray Beach, Florida

- Strategically manage company data, ensuring organization and security.
- Optimize financial efficiency by analyzing credit card statements, receipts, and resource usage.
- Coordinate intricate logistics for document storage and archiving in off-site warehouses.
- Ensure strict adherence to regulatory standards, industry practices, and company policies.
- Resolve complex issues using analytical thinking and efficient problem-solving skills.

Discount Tire

Tire Service Coordinator

December 2018 – March 2020

Royal Palm Beach, Florida

- Ensuring safe and effective tire replacement for customer
- Working well in teams of four to efficiently change as many tires as possible.
- Making safe tire repairs when necessary
- Advising customers of safe tire replacement guidelines

SKILLS & INTERESTS

Certified SolidWorks CSWA

Certified Autodesk Inventor

Certified Microsoft Office (Word, PowerPoint, Excel)

CAD Design (SolidWorks, Autodesk Inventor, AutoCAD, Fusion 360)

Proficient in Adobe Photoshop

Fabrication (Soldering, Automotive)

Electronic Prototyping (Arduino)

Product Development

Involvement:

-Member of the American Society of Mechanical Engineers (ASME)

- Regularly attend meetings, workshops, and conferences focused on advancing the field of mechanical engineering. I actively participate in engineering competitions and collaborate with fellow members to develop innovative solutions to real-world engineering challenges.

-Member of the Society of Automotive Engineers (SAE)

- I engage in hands-on projects related to automotive engineering, including vehicle design, fabrication, and performance optimization. I actively contribute to team discussions, participate in workshops, and take part in local automotive events to expand my knowledge and skills in the field.