

# JOHN POTTS

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## EDUCATION

**University of Illinois at Urbana-Champaign** | Champaign, IL

- Bachelor of Science in Aerospace Engineering

## SKILLS

### Technical

- NX/UG
- Trello
- Teamcenter
- CATIA
- MATLAB
- Microsoft Suite
- BlueBeam
- CMPAT
- PolyWorks

### Non-Technical

- Solution Driven
- Continuous Learner
- Self-Motivated
- Logical Reasoning
- Strong Written and Verbal Communication
- Organized
- Active Listening
- Adaptability
- Time Management

### Other

- Crane Operation
- Romer Arm Operation
- PADI Scuba Certified

## SECURITY CLEARANCE

- Inactive DoD Secret Clearance

## PROFESSIONAL EXPERIENCE

**Trane Technologies** | Willowbrook, IL

2021 - Present

*Project Manager*

- Manages 100+ projects; establishes schedules and sets procedures to accomplish system objectives involving equipment ordering, managing, and delivery logistics
- Communicates with customers and their representatives, including building owners, general contractors, mechanical contractors, subcontractors, and field support staff
- Created the standardized project management process for all project managers and account managers using a customized Trello framework to track project lifecycle from order entry to equipment install and startup for 100+ projects
- Leads MDI and MWI meetings to improve communication across multiple departments and to resolve roadblocks holding up active projects
- Visits jobsites during startup and service trips to strengthen customer relations and to improve technical knowledge of the equipment on the site

**Brucker Company** | Elk Grove Village, IL

2020 - 2021

*Project Manager*

- Experience in reading and analyzing the design of HVAC systems on mechanical drawings to select appropriate equipment, generate cost estimates, and understand potential schedule impacts
- Started and led weekly standup meetings with the inside sales support team discussing current workloads and potential roadblocks
- Worked on over 25 different projects managing costs, equipment releases, deliveries, submittals, and inevitable issues with mechanical contracting firms
- Used Excel and Bluebeam to analyze current HVAC systems in buildings and to choose accurate HVAC equipment for required airflow and sound levels per building specifications

**The Boeing Company** | St. Charles, MO

2018 - 2020

*Mass Properties Engineer*

- Experienced in Mass Properties Engineering including weight prediction, estimation, management, and measurement
- Calculated and tracked weight and center of gravity shifts during phases of flight to ensure proper guidance, navigation, and control through NX 11.0 and CATIA v5
- Used 3D Models/BOM/Mechanical Drawings through Teamcenter to develop weight, center of gravity, and inertia estimates for parts and full assemblies
- Lead Mass Properties Engineer on CAV, ALE, SLAM ER, Harpoon, and PJDAM programs and supported notable programs including JDAM, B61, SDB, MQ-25, and multiple proprietary programs
- Experienced in writing test reports and presenting results to program management
- Experienced with equipment in the Mass Properties Lab

## PROJECTS

**TerraOne** | Chicago, IL

2021 - Present

*Founder*

- Created TerraOne, an organization with a goal to inspire and mobilize people to take initiative to help improve the ecosystem we all live in
- Leads local community cleanup days, with a 2025 goal to pick up 2025 bags of garbage in the Chicagoland area
- Works with local government to help spread publicity as well as to coordinate with other organizations with similar mindsets
- Currently learning web design with a focus on user experience (UI/UX) to create a website that is easy to navigate and provides all necessary information to understand the vision of TerraOne and learn how to join the initiative