

BENJAMIN BORNSTEIN

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Highly motivated mechanical engineer searching for program management and project engineering opportunities. Eager to leverage experience in automation, manufacturing, and facilities management in a fast-paced, high visibility environment. Strong desire to develop technically and as a leader. Particularly interested in deploying automation, additive manufacturing, and IIOT technologies to improve organizational efficiency and agility. Enjoys engaging peers, leaders, and SMEs to ensure optimal results.

EXPERIENCE

SEPTEMBER 2021 - PRESENT

SR AUTOMATION ENGINEER, HONEYWELL AEROSPACE – PHOENIX, AZ

- Managing \$8MM capital project to modernize an APU impeller repair cell with automated powder welding, adaptive 5-axis machining, and machine tending
- Responsible for all phases of project management: project selection, scoping, business case development, capital approval, procurement, execution, and close out
- Work with Automation Team leaders to develop MOS and long-term strategy
- Manage daily activities of rotational engineers and interns

APRIL 2020 – SEPTEMBER 2021

PROJECT ENGINEER II, HONEYWELL SPS – PHOENIX, AZ

- Responsible for design, construction, and start-up of two N95 Mask production facilities that produced over 200 million masks during the pandemic
- Developed and installed \$131MM of custom automated assembly equipment; supported operations team to fulfill government contracts with tight deadlines

JULY 2017 – MARCH 2020

ROTATIONAL ENGINEER, HONEYWELL PMT

Project Controls Engineer - Baton Rouge, LA

- Managed cost and schedule for \$60MM chemical plant expansion project

Advanced Manufacturing Engineer – Nebraska City, NE

- Improved OEE of Gas Meter Assembly line by 20%

Reliability Engineer – Shreveport, LA.

- Supported Water Treatment and Utilities Operations & managed site Lubrication Program

EDUCATION

MAY 2017

B.S. MECHANICAL ENGINEERING, PURDUE UNIVERSITY

Minor in Manufacturing, Teaching Assistant at Purdue AFL

SKILLS & INTERESTS

- Automation and Industry 4.0
- 3D CAD/CAM for Part Design and Machining
- 2D CAD/Simulation for Plant Layouts
- Additive Manufacturing
- Industrial Design & Ergonomics
- 20+ years of hands on experience with cars, trucks, sail/power boats, power equipment
- Microsoft Office, Solidworks, NX, SAP, Matlab