

JORDAN ANDIA

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OBJECTIVE: Work as a Manufacturing Engineer.

EXPERIENCE

MANUFACTURING ENGINEER

01/2022-YTD

Aptera Motors, Carlsbad, California

- * Manufacturing Engineer for solar electric vehicles, focus is battery manufacturing.
- Created manufacturing process for battery module and pack.
- Designed factory plant layout, created SOWs/RFQs, and generated quotes.
- Oversee installation of manufacturing equipment and maintain supplier relations.

MANUFACTURING ENGINEER

2020 - 01/2022

Marvin Engineering Company, Inglewood, California

- * Manufacturing contractor for a variety of Defense and Aerospace products.
- Interpreted contracts, blueprints, and specifications to create manufacturing instructions.
- Dispositioned rework instructions for material that was non-conforming.
- Resolved manufacturing, quality, material, tooling, and planning issues.

PROCESS ENGINEER CO-OP

2016 - 2020

Raytheon Technologies (RTX), Santa Fe Springs, California

- * High-volume airplane brake manufacturing facility which performed composite preform layup, Carbon and SiC Deposition, Heat Treatment, Machining, OPS, and Assembly.
- Participated in Program Qualification and Material Review Boards.
- Developed technical documents: engineering specifications, work instructions, and SOPs.
- Performed continuous improvement efforts, capital acquisition requisitions, time and motion studies, engineering experiments, and process improvements.

LEAD MECHATRONICS ENGINEER

2018-2019

Titan AERO, California State University, Fullerton, California

- * Planned and completed a one-year interdisciplinary autonomous flight airplane project.
- Designed, assembled, and tested electrical, mechanical, and software systems.

KNOWLEDGE AND SKILLS

- Adobe Acrobat, AutoCAD, CATIA, DraftSight, SAP, SMARTEAMS, and SolidWorks.
- Microsoft Office: Excel, Outlook, PowerPoint, Visio, and Word.
- Comprehension of ASTM, ASME, SAE, MIL, AIAA, NAS, and IEEE Specifications.

EDUCATION

CALIFORNIA STATE UNIVERSITY, FULLERTON

2016 - 2019

Bachelor of Science in mechanical engineering and minor in computer science