

DAVID GOLDSTEIN

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ELECTRICAL ENGINEERING – Contribute to required Engineering team efforts in commercial, military or aerospace fields, instrumentation design, and any required production efforts. A self-starter and team-leader who will support team efforts in all capacities, complete tasks on-schedule, and work under pressure with minimal supervision.

KEY SKILLS:

- Simulation design software such as MATLAB, Simulink and P-spice
- Spectrum analyzers, digital multimeters (DMM), power supplies, oscilloscopes
- Programming skills in C++, Python, Verilog, Assembly Language

EDUCATION:

ELECTRICAL ENGINEERING MAJOR (ARIZONA STATE UNIVERSITY) (2019-current)

SUBJECTS COMPLETED:

- Advanced Circuit Theory (DC/AC circuits, MOSFET/ BJT semiconductors)
- Signals and Systems/ Random Signal Analysis
- Electromagnetism
- Semiconductor Materials
- Digital and Analog Circuits
- Energy and Power Systems

UNDERGRADUATE STUDIES (LA PIERCE COMMUNITY COLLEGE)

SUBJECTS COMPLETED:

- Physics for Engineers (I, II, II), Calculus (I,II,II), Differential Equations, Linear Algebra

RELEVANT WORK EXPERIENCE:

BOEING ROCKETDYNE, Chatsworth, CA (1990-2001)

- **Specifications Writer** – Create and maintain specifications and technical documentation for the International Space Station (ISS) and Space Shuttle (SSME). Generated Version Description Documents (VDD) for Boeing flight software applications under NASA, Boeing regulatory, and internal QA audit supervision.
- **Software Configuration Management** - Upload real-time software code to Shuttle mission in real time; Participated in Engineering meetings, NASA and DCAS audits.

SR. TECHNICAL WRITER – Hydraulics International Ground Support (2010 -2021)

- Maintain operation and maintenance (O&M) manuals for leading U.S. manufacturer of military and commercial ground support equipment.
- Interact with Design Engineering, Engineering management, assemblers and technician staffs to optimize assembly build efficiency.