

# David Coulter

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## SKILLS

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- **Programming Languages:** Python, C++, Java
- **Tools & Technologies:** Gitlab, Jira, Confluence, Visual Studio Microsoft Office
- **Methodologies:** Agile, SDLC, Machine Learning, Predictive Analytics

## PROFESSIONAL EXPERIENCE

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### Software Engineer, Boeing - Houston, TX

*Jul 2023 - Present*

- Collaborated with cross-functional teams to elicit, analyze, and translate complex system and software requirements into actionable specifications, ensuring alignment with project goals and enabling development teams to deliver high-quality solutions.
- Regularly reviewed and updated requirements documentation to accommodate changes and improvements, maintaining alignment with evolving client expectations and emerging opportunities.
- Led the successful transition of our team's project management from Jira to GitLab, setting up and optimizing the GitLab workspace to enhance collaboration and streamline workflow, resulting in an increase in team efficiency and project tracking accuracy

### Shipping Coordinator / Team Leader, General Motors - Yuma, AZ

*Jan 2014 – Jul 2023*

- Managed over 1,000 shipping/receiving parts requests annually, ensuring export compliance.
- Authored 30+ standardized work processes and trained 8 employees, improving departmental efficiency.
- Acted as Subject Matter Expert on Dangerous Goods handling, developed and delivered training to 31 employees.
- Led workplace safety initiatives, implementing mobile equipment and safety standards in accordance with GM, UAW, and OSHA guidelines.

### Team Leader, Navmar Applied Sciences - Various Military Bases, Afghanistan

*Jul 2011 – Dec 2013*

- Provided Intelligence, Surveillance, and Reconnaissance support during Operation Enduring Freedom.
- Maintained and operated aerostats and associated equipment, promoted to Team Lead within 6 months.
- Supervised a team of 5-8 operators, ensuring the integrity and inventory of multimillion-dollar equipment.

## EDUCATION

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### University of Arizona, B.S. Systems Engineering

*May 2023*

## PROJECTS

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### Water Predictive Analysis Program (Senior Capstone)

- Designed and implemented a predictive analysis program for the Bard Water District to increase efficiency by 5%.
- Utilized machine learning to refine the water order process and developed a Django web application.

### Software Engineering Touchscreen Display

*github.com/David-Coulter/SFWE\_Touchscreen\_Display*

- Led a 4-person team to design and implement an interactive touchscreen display using Java.