Apply Your Degree to IT&DA at Boeing

Position	Responsibilities	Preferred Majors	Available Sites
Systems Design and Integration Specialist	▪ Apply systemic design principles to the interrelationships between systems. ▪ Participate in design and implementation of common systems and processes.	▪ Information Systems, Computer Science, Engineering, Human-Centered Design and Engineering, Informatics	▪ Seattle area, St. Louis, Charleston
Project Management	▪ Develop project schedules and budgets. ▪ Gain a working knowledge of project management tools and software methodologies.	▪ Information Systems, Technology Management, Informatics, Information Management	▪ Seattle area, St. Louis, Charleston
Programmer Analyst and Application Development	▪ Design, develop, test, and implement applications. ▪ Document and maintain computing applications. ▪ Integrate application software, database, and delivery subsystems.	▪ Computer Science, Engineering, Informatics	▪ Seattle area, St. Louis, Charleston
Versatile Technologist	▪ Gather requirements and ensure compliance of architectural standards and performance needs. ▪ Develop and maintain IT capabilities, processes, and computing standards. ▪ Install, configure, and monitor IT components.	▪ Information Systems, Network Communications, Informatics	▪ Seattle area, St. Louis, Charleston
Data Science	▪ Extract information from big data sets using machine learning and statistical modeling. ▪ Use software development skills to embed data science capabilities into application and products.	▪ Computer Science, Statistics	▪ Seattle area, St. Louis, Charleston
SAP	▪ Gain working knowledge of SAP software methodologies and SAP project management. ▪ Work with system hardware, software, and components. ▪ Ensure SAP solutions meet architecture and performance standards.	▪ Information Systems, Computer Science, emphasis in ERP or SAP	▪ Seattle area, St. Louis

Represents typical alignment between degree and positions—no fixed requirements limiting movement between areas.

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Position	Responsibilities	Preferred Majors	Available Sites
Information Security	▪ Evaluate computing and information security risks. ▪ Design, develop, and maintain security controls. ▪ Analyze and respond to computing security events. ▪ Provide computing security consultation, policy development, and compliance and audit support.	▪ Information Systems, Computer Science, Informatics, Information Security, and Risk Analysis	▪ Seattle area, St. Louis
Systems and Data Analyst	▪ Research processes, applications, systems, and data. ▪ Consult with customers to clarify and refine requirements. ▪ Translate requirements into functional specifications. ▪ Develop and execute tests to validate system functionality against specifications.	▪ Information Systems, Technology Management, Human-Centered Design and Engineering, Informatics	▪ Seattle area, St. Louis, Charleston
User-Experience Specialist	▪ Conduct user research through interviews, contextual inquiries, and surveys. ▪ Create and prototype design alternatives. ▪ Conduct user testing on designs, synthesize findings, make recommendations, and iterate continuously. ▪ Champion user needs throughout the product design process.	▪ Human-Centered Design and Engineering, Informatics	▪ Seattle area, St. Louis
Computing Architect	▪ Define and verify requirements, designs, architecture, data, and information management systems and components. ▪ Incorporate architecture functions into software development life cycle. ▪ Develop and maintain architecture views and models.	▪ Computer Science, Information Management	▪ Seattle area, St. Louis, Charleston
Network Designer	▪ Research, create, deploy Information Technology network designs. ▪ Develop/deploy global solutions supporting Wide Area Network, Campus, Data Center, and Factory capabilities. ▪ Adopt advanced technologies supporting Wired/Wireless, Network Automation, Mobility, and Transport Optimization. ▪ Coordinate implementation planning for strategic multi-technology insertion projects.	▪ Information Systems, Information Management, Computer Engineering, Computer Science, Electrical Engineering, Network Communications	▪ Seattle area, St. Louis, Charleston

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