Goh Che Seng

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Education

Naval Postgraduate School, USA   Sep 2002 - Apr 2004
- Masters of Science in Systems Engineering

Nanyang Technological University   Jul 1995 - May 1998
- Bachelor of Engineering in Electrical and Electronics Engineering
- First Class Honours

Singapore Polytechnic   Jul 1985 - May 1988
- Diploma in Electronics and Communications Engineering
- Toh Chin Chye Gold Medal Award

Technical Skills
- Avionics Engineering - Radio Frequency (RF), Radar and Communications
- Network Engineering - Local/Wide Area Network, Internetworking
- System Safety - Hazards Analysis, Hazards Assessment and Risk Mitigation
- Project Management

Work Experience

Guest Lecturer, DSTA College   Aug 2010 - Present

- Lecturer/Co-lecturer for various topics in Defence related courses
    - Hazards Analysis and Safety Assessment for Networked Systems
    - Operations and Engineering Support for the RSAF Networked Systems
    - Diagnostics Capability Development for the RSAF Networked Systems

Head Networked Systems, Airworthiness Engineering Group   Aug 2010 - Present
Air Engineering & Logistics Department, HQ RSAF

- Lead a team of 6 engineers for airworthiness/safety governance and engineering support of RF, Radar, Communications and Mission systems on aircraft platforms
- Lead a team of 4 engineers for safety governance and engineering support of ground-based systems connected via LAN/WAN network and wireless data link to aircraft platforms
- New systems development for networked capabilities and diagnostics for networked systems

Head, Logistics Branch   Nov 2008 - Aug 2010
Air Defence & Operations Command, RSAF

- Lead a team of 20 engineers and logistics personnel for
    - Quality Assurance and Audit
    - Training Development and Administration
    - Logistics, Catering and Transportation Management
    - Local Maintenance Capability Development
    - Infrastructure and Building Management

Deputy Commanding Officer, Air Engineering & Logistics Sqn   Nov 2005 - Nov 2008
Air Defence & Operations Command, RSAF

- Lead a team of 80 engineers and technicians personnel for

- Maintenance of ground-based electronics and weapon systems
- Diagnostics on network, communications and wireless data link systems

Air Engineering & Logistics Department, HQ RSAF   1998 - 2004

- Various Engineering Appointment in HQ RSAF for
    - Avionics Systems (specialising in RF, Radar and Communications)
    - Command & Control Systems on Aircraft
    - Electronic Warfare Systems