SKILLS FRAMEWORK FOR INFOCOMM TECHNOLOGY
CAREER PATHWAY

DATA AND ARTIFICIAL INTELLIGENCE

CROSS TRACK PROGRESSIONS INTO DATA AND ARTIFICIAL INTELLIGENCE
1. Software Engineer (Software and Applications) to AI/ML Engineer

CROSS TRACK PROGRESSIONS FROM DATA AND ARTIFICIAL INTELLIGENCE
1. Data Analyst/Associate Data Engineer to Associate Business Analyst (Strategy and Governance)
2. Data Analyst/Associate Data Engineer to Business Analyst/AI Translator (Strategy and Governance)
SKILLS FRAMEWORK FOR INFOCOMM TECHNOLOGY
CAREER PATHWAY

INFRASTRUCTURE

PLAN AND DESIGN

BUILD AND MAINTAIN

Chief Information Officer

Chief Technology Officer

Head of Infrastructure

Infrastructure Architect

Infrastructure Engineering Manager

Infrastructure Engineer

SysOps Engineer

Radio Frequency Engineer

Network Engineer

Automation and Orchestration Engineer

Associate Infrastructure Engineer

Associate Radio Frequency Engineer

Associate Network Engineer

CROSS TRACK PROGRESSIONS INTO INFRASTRUCTURE
1. DevOps Engineer (Software and Applications) to SysOps Engineer
2. Operations Centre Support Engineer (Operations and Support) to Infrastructure Engineer

CROSS TRACK PROGRESSIONS FROM INFRASTRUCTURE
1. Infrastructure Architect to Infrastructure Architect (Strategy and Governance)
2. Infrastructure Engineer and SysOps Engineer to Senior Security Engineer/Security Engineer (Cyber Security)
CROSS TRACK PROGRESSIONS FROM SOFTWARE AND APPLICATIONS

1. Software Architect to Solutions Architect (Strategy and Governance)
2. Embedded Systems Engineer to QA Manager (Strategy and Governance)
3. Software Engineer to Quality Assurance Engineer (Strategy and Governance)
4. Associate Software Engineer to Quality Assurance Engineer (Strategy and Governance)
5. DevOps Engineer to SysOps Engineer (Infrastructure)
6. UI Designer to UX Designer (Strategy and Governance)
7. Software Engineer to Cyber Risk Analyst (Cyber Security)
8. Software Engineer to Vulnerability Assessment and Penetration Testing (VAPT) Analyst (Cyber Security)
9. Software Engineer to Senior Security Engineer/Security Engineer (Cyber Security)
SKILLS FRAMEWORK FOR INFOCOMM TECHNOLOGY
CAREER PATHWAY

CROSS TRACK PROGRESSIONS INTO STRATEGY AND GOVERNANCE
1 Infrastructure Architect (Infrastructure) to Enterprise Architect

CROSS TRACK PROGRESSIONS FROM STRATEGY AND GOVERNANCE
1 Product Manager to Pre-Sales Consultant (Sales and Marketing)
2 Senior Product Manager to Pre-Sales Director (Sales and Marketing)
CROSS TRACK PROGRESSIONS FROM OPERATIONS AND SUPPORT

1. Operations Centre Support Engineer to Infrastructure Engineer (Infrastructure)
2. Operations Centre Support Engineer to Security Operations Analyst (Cyber Security)
SKILLS FRAMEWORK FOR INFOCOMM TECHNOLOGY
CAREER PATHWAY

CROSS TRACK PROGRESSIONS INTO CYBER SECURITY
1. Software Engineer (Software and Applications) to Cyber Risk Analyst
2. Software Engineer (Software and Applications) to Vulnerability Assessment and Penetration Testing Analyst
3. Software Engineer (Software and Applications) to Senior Security Engineer/Security Engineer
4. System Engineer (Infrastructure) to Senior Security Engineer/Security Engineer
5. Infrastructure Engineer (Infrastructure) to Senior Security Engineer/Security Engineer
6. Operations Centre Support Engineer (Operations and Support) to Security Operations Analyst

©SkillsFuture Singapore and Infocomm Media Development Authority
Effective date: November 2017, Version 1.1
SKILLS FRAMEWORK FOR INFOCOMM TECHNOLOGY
CAREER PATHWAY

CROSS TRACK PROGRESSIONS INTO SALES AND MARKETING

1. Product Manager (Strategy and Governance) to Pre-Sales Consultant
2. Senior Product Manager (Strategy and Governance) to Pre-Sales Director