

Utbildningar och separata kurser

Lexicon, Göteborgs

DECEMBER 2021
AZ900 certification

Lexicon, Göteborgs

JUNE 2021-DECEMBER 2021
Courses in programming in .Net. The curriculum included JavaScript, C#, HTML, CSS, Azure and Entity Framework with Identity server

Lexicon, Göteborgs

MARS 2021
Qualified to Lexicon's Test&Bedömning before enrolling in either of their user support or .Net course

History A, University of Gothenburg

JANUARY- JUNI 2018
Beginning courses in history

History B, University of Gothenburg

AUGUST- DECEMBER 2018
courses in historia. In my treatise, I used as a source, a Umeå priest's own biography

Script programming in Linux, University of Gothenburg

VÅREN 2019
telemetry on Linux using awk and bash as programming languages, part of a telemetry program at Chalmers

Vocational training as a railway signalling tech, Lärcenter Falköping

AUGUST 2014-JUNE 2015
Focused on ERTMS. Including normal subjects in a railway tech area (points, track circuits, level crossing's control, relay based interlockings and IP based communication between interlockings and it's controlling centers (EBISAT))

Database technology A, University of Skövde

2019
Database design using UML, ER and MySQL

Computer networks A, Högskolan i Skövde

2019
CISCO ICND1

Linux administration A, Högskolan i Skövde

2014
UNIX admin: integrated email services with web front

UNIX B, Högskolan i Skövde

2012
UNIX admin: epost med web:gränssnitt

C:programming, Högskolan i Skövde

1993
The C computer language

Modellering, Högskolan i Skövde

2018
UML with group oriented business process modelling

Arbeten

Signalling tech, NVBS

2017 MAJ- AUGUSTI
Contract work for renewal and new-build of relay based interlocking in Stockholm. Preparation work for the future bridge replacements between Centralstationen and Södra station.

Signalling tech, NVBS

2016 JULI
Contracted out as a signal maintaineer in Stockholm.

Signaltekniker, NVBS

2015 JULI- AUGUSTI
Contracted out as a maintaineer in Stockholm.



Development methods

Object-oriented programming
Man-Machine interaction (MMI)
UML
C/C++
Pascal
Ada
Python

Linux

CFEngine (2012-)
LINUX (RedHat 5 1997-)
LINUX (Debian 2008-)
Solaris (SunOS4/SunOS5)
PostgreSQL
Computer networks
VMWare ESXi/vSphere (used in computer system courses)
NexentaStor (deployed as a SAN to distribute, via iSCSI VMDK to a ESXi host)

Språk

Swedish (mother tongue)
Engelska (in speech and textual, excellent understanding)

Arbeten

Praktik, Infranord Herrljunga

2015 MARS-JUNI

Internship as a signalling maintaineer, Herrljunga

Praktik, Infranord Stockholm

2014 OCTOBER

Internship as a signalling maintaineer, Hagalund Stockholm

Servicetekniker, Kronbergs hushållsservice, Skövde

MARS 1996-NOVEMBER 2006

reparation av vitvaror (spisar, tvättmaskiner och småapparater) och frånluftsvärmepumpar. Kundkontakt med planering av arbeten. Försäljning av ersättningsmaskiner. Justering av ventilationssystem.

Telefonist, F6 Karlsborg

1989-1990

Miltex, försvarets fjärrskriftsystem. Flygvapnets system för kommunikation inom flygbaser

Andra IT:kunskaper

MS Word

NetBSD

MVS

z/OS (deltar i IBM:s programmeringstävling [IBM Z Xplore](#))

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My own programming projects

PKI functionality

2014-

Automated deployment of certificates for a multi-tiered certification functionality. Consisting of a root certification issuer, one delegated intermediate issuer and multiple CAs whose own certificate is signed by the intermediate and which has a specific usage area, for example signing a individual person own certificate while another CA is limited to only signing certificates for a service, for example IMAP.

Automation of BIND

2015-

Automated configuration of ISC's BIND9 daemon. Uses descriptions formatted as JSON to generate zone descriptions. Including correctly updating a specific zones serial number when the zone's data is updated.

Automation of firewall rules

2015-

Configuration of IPtables. Encode in JSON services which types of traffic is allowed to ingress and egress to a host and the applications running on that. Testing before deployment that the generated policy doesnt disable allowed SSH to a host to be able to guarantee that faults prevents remediation. Analyzed RFCs to decide which ICMP traffic should be allowed or not. The same work was done with regards to ICMPv6. Has since 2015 by Hurricane Electric's service a computer network which is globally reachable via IPv6, compared with my IP provider's NATed normal service

IBM:s master the mainframe:program

2021-

enrolled in IBM's zXplore program to educate and train myself in their z/OS environment (z/OS, COBOL, JCL.) A result for my interest and usage of 70's MVS

Colophon

Stefan Skoglund 2021

Gillius

Cinzel (årtal)

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