

## 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](#))

L<sup>A</sup>T<sub>E</sub>X

## 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)

L<sup>A</sup>T<sub>E</sub>X