

Maikel Severins

IT Professional



SUMMARY

Hello, I'm Maikel Severins.

I like to solve brain teasing problems in the field of IT.

I'd like to describe myself as a fast learner;

I am confident that I can satisfy expectations of coworkers.

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🏠 : <https://severinsm.github.io/>

🔗 : [severinsm](#)

in : [Maikel Severins](#)

Experience



Mar 2021 – *present*

DevOps Engineer at [VidaXL](#)

SUMMARY

Keep the operations between development and ideas. Git, terraform, ansible, CI/CD, docker, k8 etc.

Feb 2015 – Mar 2021

Sysadmin & more at [EyeXS B.V.](#)

SUMMARY

Development of new IT services, Datacenter activities, IT infra, consulting and many more.

- Build and maintain VDI solution A-Z
- Managed and expands intern datacenter
- Windows and Linux

Jun 2020 – *present*

security analyst at [Cybrhat](#)

- Co-Owner of a company specializing in cyber security.
- pentest
- security consultancy

Jan 2019 – Feb 2019

student sidejob at Snackbar t Strotje

SUMMARY

Side job when I went to school.

Jul 2012 – Aug 2014

Intern at [Laurentius ziekenhuis Roermond.](#)

- Day to day operations.
- PC and server managment.

Awards



Hanyang Academic Achievement Award

from Hanyang Univ.

- 2018, 2nd semester
- 2017, 2nd semester(Highest Honor)

Hanyang Brain Scholarship

from Hanyang Univ.

- 2019, 1st semester
- 2018, 1st/2nd semester
- 2017, 2nd semester

Nov 2018

Win 2nd place in advanced group

from Hanyang Collegiate

Programming Contest 2018

Dec 2017

Win 4th place in advanced group

from Hanyang Collegiate

Programming Contest 2017

Sep 2017

Advanced to final competition

from Kakao Code Festival

2017

Education



Mar 2014 – Feb 2020

Bachelor in Computer Science & Engineering from Hanyang University, Seoul with GPA of 4.0 (major 4.28) / 4.5

- Concurrent Programming
- Data Science
- Operating Systems
- Computer Architecture
- Database Systems
- System Programming

Nov 2019

Engineer Information Processing (정보처리기사)

Projects



Bw-Tree Performance Boosting : Aug 2018 – Oct 2019

SUMMARY

Evaluating cache / multi thread Performance of Open Bw-Tree to find bottleneck and improvement performance.

- Implementing update function based on the page.
- Make update function atomic & reduce call of traverse function.
- Design TaS implemented Bw-Tree instead of CaS to reduce the overhead of failed CaS operations.

Wait-free Snapshot with Epoch Based Garbage Collection : Oct 2019 – Oct 2019

SUMMARY

Concurrent Programming Course

- Implementing Wait-free Snapshot based on the textbook 'The Art of Multiprocessor Programming'
- Concurrent update & scan function implemented
- Implement epoch based garbage collection to prevent memory leak & concurrent GC.

Enhanced xv6 : Mar 2018 – Jun 2018

SUMMARY

Operating System Course

- Implement MLFQ & Stride scheduling instead of round robin scheduling.
- Implement Light Weight Process that can be used with most of POSIX-thread functions.
- Implement 'triple indirect block addressing' to support large file upto 1030 MB original limitation was 70 KB.

Volunteer



Mar 2018 – Dec 2018

Mentor at Hanyang Mentoring Program

SUMMARY

Mentoring for the major courses of CSE with juniors

- Data Structure; Teaching & helping sophomores on the data structure course.
- Database Systems; Teaching & helping sophomores on the database system course.
- Awarded 'Hanyang Best Mentor' for mentoring Database Systems course.

Mar 2014 – Dec 2014

Mentor at Hanmille, Foreigner Mentoring Program

SUMMARY

Mentoring & helping foreign students to easily adjust to Korea.

Languages



Dutch : ★★★
English : ★★★
German : ★★★

Skills



Kernel Development : ★★★

Concurrent Programming C/C++ Rust

Algorithm : ★★★

Web Development : ★☆☆

HTML CSS Javascript

Sociability : ★★★

Leadership Affable

Interests



Activity :

Developing

Soccer

Beer

Interests :

Programming

Construction work

Gaming :

Board Games

Steam

Company of Heroes 2