

# Hein Thant Maung Maung

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## CONTACT

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## WORK EXPERIENCE

### UIT Students' Union

Jun 2019 - March 2020

Full stack Web Developer

Worked on UIT Students' Union website ( not online due to current issue ). Worked as Frontend Developer ( not designer ), Backend Developer. Implemented features like role based access control, storage management, blogs, etc. Developed in Laravel ( PHP ) and MariaDB.

### UIT Students' Union

Mar 2020 - May 2020

Backend Developer, Server Administrator

Worked as Backend API developer for <https://covid19mm.info> ( offline - discontinued ). Had to develop data API ( Express ), data parser, entries input, Desktop Client ( electron.js )

Sources: <https://github.com/phonemyatkhine/covidapi>, <https://github.com/heinthanth/covidapi-client>, <https://github.com/chawsuthwe/covidapi-admin>

### ProLab Myanmar

Oct 2020 - present

Full Stack Web Developer, Server Administrator

Have to develop the whole website ( incl. blogs ) ( currently offline due to current issue ). Frontend is written in Next.js ( react ) and backend, with Laravel ( API ) and MariaDB. Later, migrating to Express ( nodejs ) and MongoDB. And have to manage Linux ( debian ) server from DigitalOcean.

### A Startup ( Company Not Registered Yet )

Sep 2020 - present

Full Stack Web Developer, Mobile Developer

Online but still hidden. Have to develop the whole website ( but not web design ) - written in Next.js ( react ). Backend in currently in Flask ( Python3 ) and Express ( nodejs ) and CockroachDB. Also have to develop a mobile app with Flutter ( incl. Native SMS modules ). And also a junior DevOps, managing docker, kubernetes.

### Bare ( SELF-EMPLOYED )

Sep 2020 - Sep 2020

Developer

Just a custom PHP framework ( since I want to avoid Laravel - it's slow sometime ). It includes Router, Service Container, Controller Dispatcher, Database ORM, Logger, Error Handler, etc - just essential things.

Source: <https://github.com/heinthanth/bare>

### uit-lang, XueLand ( SELF-EMPLOYED )

Dec 2020 - present

Developer

Just own programming languages ( uit-lang and XueLand ). Ever wanted to develop an interpreter for pseudo-code or something like that ( since some of my friends had difficulties in learning basic data processing in 1st year ).

And after researching, testing for a year, in Feb 2021, **uit-lang** was borned. But it's quite slow due to AST walking interpreter model.

So, currently working on **XueLand** ( which is a stack-based Virtual Machine ) so we can expect a programming language with better performance.

Sources: <https://github.com/uitverse/uit-lang>, <https://github.com/xueland/xue-test-impl>, <https://github.com/xueland/xue>

## EDUCATION

### Basic Education

2015 - 2018

Parami Private High School, Mawlamyine

### Computer Science and Technology

2018 - present

University of Information Technology

## INTERESTS

Due to strong passion, learned about computers, smart phones and electronic since I was 10.

Learned basic web development since the age of 13.

Learned batch script ( cmd script ) writing, Python3 after Matrix exam.

Currently, learning Web Development, Mobile Development, Interpreter / Language Development, etc.

Strong experience and knowledges on Linux and Unix based systems. Also some knowledges and experience on Windows.

Also interested in Penetration Testing - <https://www.hackthebox.eu/profile/244034>

Programming Languages I can - PHP, JavaScript, C, C++, Nim, Bash, Python3, Java, Go ( more experience to less )

Tech Stacks I can - LEMP ( Linux, Nginx, MariaDB - MySQL, PHP ), LAMP ( Linux, Apache2, MariaDB - MySQL, PHP ),

MERN ( MongoDB, Express, React, Nodejs )

Utilities and Markup - HTML, CSS ( SCSS, SASS ), Bootstrap.

Currently planned to learn Haskell, Elm and other functional programming. And also love to create Electronic Music.

## REFERENCES

### Some Links:

<https://github.com/heinthanth>

<https://github.com/htmm>

<https://heinthanth.com>

### Other works:

<https://htmm.gitbook.io/the-linux-command-line>

<https://github.com/heinthanth/macros-bootable-usb>

<https://github.com/heinthanth/better-mirror>

<https://github.com/heinthanth/h3xfonts>

<https://github.com/heinthanth/meon-craftinginterpreters>