

Simon TENGGREN

5th year engineering student | Information and Communication Technologies, LTH

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I am an engineering student in Information and Communication Technologies at **Lunds tekniska högskola**. The education is centered on giving the core engineering competences such as **mathematics, physics, and control technologies**. My program specifically has given me **competence in programming, communication technologies, computer security, and human centered design**. I specialize in software development where I've learned to appreciate writing good and well performing code and using various technologies and methods.

I like to face new and exciting problems where I can apply the experience that I have acquired through both my studies and through real life, but I'm not afraid of "rolling up my sleeves" and facing **new and diverse problems**. Because I know that after facing hardships I emerge as a better, more experienced individual.

🎓 EDUCATION

2016 - Information and Communications Technologies, MSc Engineering Program, Lunds tekniska högskola

📋 SKILLS

Programming	C, Java, SQL, PHP, JavaScript, Python, C++, HTML, CSS, 𐀀𐀁𐀂𐀃
Frameworks and Libraries	NodeJS, React, NumPy, ExpressJS
Development Tools	Oprofile, Valgrind, GDB, Gradle, Make, Android Studio, git
Operating Systems	Microsoft Windows, Linux
Other software	Adobe Photoshop, MS Office Suite

👜 EXPERIENCE

Oct. 2019	Student Consultant / Developer, FORTLAX DATACENTER, Malmö
April 2019	<p>I worked as a student consultant at Fortlax Datacenter mainly doing work as an API developer using NodeJS. Occasionally doing frontend work as well.</p> <ul style="list-style-type: none">> Got some experience working in real life environment.> Learning new technologies quickly.> Making decisions that make an impact. <div>JavaScript PHP NodeJS</div>
Jan. 2019	Teachers Assistant Programming Basic Course, JAVA, Lunds tekniska högskola
Nov. 2018	<p>I currently work as a teachers assistant in the basic programming course at LTH.</p> <ul style="list-style-type: none">> Practice my educational skills> Hone my communication skills> Rehearse the basics> Get new perspectives on old problems <div>Java Eclipse</div>
Aug. 2018	Service Operator, STORA ENSO, Nymölla
Jun. 2015	<p>During the recent summers I've worked as a service operator at the Stora Enso paper mill in Nymölla.</p> <ul style="list-style-type: none">> Experience with large amounts responsibility to deliver a great product> Working at uncomfortable hours (night shifts)> Getting experience of seeing a product from start to finish

🌐 LANGUAGES

English	● ● ● ● ●
Swedish	● ● ● ● ●
French	● ● ○ ○ ○

+ STRENGTHS

- > Disciplined
- > Listening
- > Autonomous
- > Analytic
- > Persistent

PROJECTS

A SPECIALIZED B-TREE DATA STRUCTURE FOR DATALOG EVALUATION IN JAVA

2020-2021

[Paper](#) [Source Code](#)

Java implementation of the Specialized B-Tree by the Soufl   team. For use in Datalog engines powered by Java. Specialized hint and synchronization for semi-na  ve evaluation. Evaluated and compared to other datastructures in the Java runtime library.

Java C++ C Gradle JIT-Compilers Evaluation

GENERAL TEXT PREPROCESSOR

2020

github.com/taff3r/GeneralTextPreprocessor [Demo](#)

A General Text Preprocessor inspired by the C-preprocessor. Allows for definitions of macros both simple text replacement and functions. Recursive macro definitions and function calls and conditional statements.

C Make

PERSONAL WEBSITE

2019-

simontenggren.xyz

Personal website built using React as Single Page Application. Read about me and my personal interests and hobbies.

React JavaScript HTML CSS

“ REFERENCES

> On demand.