Tung Nguyen

Aalto's Undergraduate

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Education

BACHELOR'S DEGREE | Aalto University
2019-2022

→ Major in Digital Systems and Design, Mathematics as minor.
→ Focus my study largely on Machine Learning, Web Technologies, Mathematics.
→ In the Dean's list every year.
→ I will graduate at the end of this Spring.

MASTER'S DEGREE | Aalto University
Now - 2023

→ The Master's program is included in my scholarship.
→ I will finish the amount of credits for 1 year of my Master's study by the end of this Spring. I am trying to shorten my Master study into 1 year (intend to finish by June 2023).

Notable projects

QUICKREAD | A web extension that auto-summaries long text into a few sentences.
Sep 2021-Now

→ Stack: PyTorch, HuggingFace, ReactJS, Flask, Cloud Service
→ Applying advanced summarization methods from Google and OpenAI to create a more affordable version of OpenAI's GPT3 in summarization task.
→ Launch the app to Google Extension store by May 2022.

RACKLET | Open Source scale model of Data Centers using commodity compute like Raspberry Pis.
Jan 2020 - Now

→ Stack: Javascript, Bash script, Cloud computing, a lot of Linux, networking
→ My role was to create a friendly UI for the end user and benchmark the various aspect of Raspberry Pis 3 and 4.

MY HOMEPAGE
Jan 2022

→ Stack: ReactJS, ThreeJS
→ This is where I showcase my projects. Please visit it **here**!

Tech stack

PROGRAMMING

Language:
Python • C • C++ • Bash script
JavaScript • CSS • HTML

Method:
Object-oriented Programming
Functional Programming

LIBRARIES/FRAMEWORKS

Web Development:
ReactJS • TailwindCSS • NodeJS • ExpressJS • Hands-on MongoDB and PostgreSQL

Machine Learning:
PyTorch • HuggingFace • numpy, pandas, matplotlib • OpenCV

TOOLS/PLATFORMS

git • Linux • Docker • slurm • vim • tmux • Latex

EAGER TO LEARN ABOUT

CI/CD • ML/Ops • Cloud Computing

Other skills

PROJECT MANAGEMENT
I have worked as Product Owner, Scrum Master in several projects.

TEAMWORK
I worked in a lot of group projects during my study. I tried my best to understand the communication and the dynamics between team members.

References

Lucas Käldström, Kubernetes Contributor, CNCF Ambassador

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