Anapat Chairithinugull (Mew)

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Citizenship: Thailand – Full-time Danish work permit

Profile Summary

MSc Computer Science graduate with 4+ YoE in data-driven software development, machine learning, and large-scale data processing. Skilled in Python and data science tools, with projects in biometrics, media archives, and computational modeling. Strong background in statistical analysis, algorithm development, and handling diverse datasets.

Technical Skills

- Python (7 yrs), Java (3 yrs), C/C++ (2 yrs), MATLAB, C#/.NET, MySQL
- TensorFlow, PyTorch, OpenCV, Scikit-Learn, Pandas, Git/Github, Microsoft Office, Agile
- Windows, macOS, Linux

Work Experience

Det Kongelige Bibliotek, Denmark
Studentermedhjælper, June 2024 – June 2025

- Segmented and analyzed Danish radio/TV archives (DR P1–P3, 1989–2006) to enhance accessibility, discovery, and storage efficiency.
- Detected duplicate/retransmitted broadcasts, optimizing retrieval and data management.
- Presented results to non-technical stakeholders and collaborated in Agile teams using Jira, Confluence, and Bitbucket.

Housing Foundation Copenhagen-fond, Denmark
Resident Assistant, July 2024 – August 2025

- Supported approx. 80 tenants across two buildings at Bispebjerg Kollegiet.
- Reported building issues to management for a better living environment.
- Organized social events to strengthen community engagement.

Kasikorn Labs, Thailand
Research Engineer, June 2020 – August 2023

- Developed deep learning models for face recognition in Thailand's largest banks' nationwide mobile app and for NIST's FRVT 1:1 benchmark.
- Implemented face image quality and biometric verification models, improving authentication accuracy and robustness.
- Advanced Kasikornbank's in-house biometric technology to strengthen secure digital identity solutions.

University of Wisconsin-Madison
Undergrad. Student Lab Assistant, September 2019 – December 2019

- Assisted students in Digital Systems and Circuits class.
- Supported lab assignments using Cadence Virtuoso.

RIS Company Limited, Thailand
API Developer Intern, June 2019 – July 2019

- Developed and documented Java RESTful APIs for seamless integration.
- Troubleshot and optimized API performance with Mulesoft.
- Provided technical support to business units and partners.

WISEST Lab, University of Wisconsin-Madison
Undergrad. Project Assistant, May 2018 – August 2018

- Assisted MSc student in prototyping an IoT device using C++ and MATLAB, integrating LoRa wireless microcontroller technology.
- Contributed to the publication 'Utilizing Implantable Biosensors and Wearable Scanners for Real-time Monitoring of Dairy Cattle's Core Body Temperature'.

Education
University of Copenhagen, Denmark
MSc Computer Science, September 2023 – June 2025
- ML A+B, Online & Reinforcement Learning, Deep Learning, Neural IR, Signal & Image Processing, NLP.
- Thesis topic in Temporal Graph Latent Space Exploration for Computational Fluid Dynamics.

University of Wisconsin-Madison, USA
BS Computer Engineering, second major Computer Sciences, September 2016 – May 2020
- Seven semesters on the Honor's List.
- Awarded UW-Madison Undergrad. Scholarship for Summer Study.

Continual Education (Through Coursera)
- Microsoft Full-Stack Developer Specialization   Microsoft, September 2025
- TensorFlow: Advanced Techniques Specialization   DeepLearning.AI, June 2022
- Mathematics for Machine Learning Specialization   Imperial College London, December 2021
- DeepLearning.AI TensorFlow Developer Specialization   DeepLearning.AI, May 2021
- Machine Learning Course   Stanford University, September 2020
- Deep Learning Specialization   DeepLearning.AI, August 2020

Volunteer Work
Thai Student & Alumni Association in Denmark (TSAAD)
VP in Digital Systems, September 2025 – Present
- Set up the automated system.

Studenterhuset, Denmark
Bar Volunteer, Septemb*er 2023 – October 2024*
- Served as barista/bartender 12 hrs monthly.
- Managed the cashiers.
- Engaged with the customers.

University of Wisconsin-Madison, USA
Volunteer CS Tutor, September 2019 – December 2019
- Assisted junior students in programming.
- Held a 3-hr weekly drop-in session.

IEEE-UW Madison Student Chapter
VP, September 2019 – May 2020
- Managed the student organization.

Project Office, February 2018 – May 2020
- Designed and shared engineering projects.
- Hosted project sessions for members.

Tau Beta Pi WI-A
Webmaster, April 2019 – May 2020
- Kept the website up-to-date.

Language Skills
Thai (Native), English (Fluent), Danish (UCplus Module 5)

Interests
Coffee/tea crafting, 1 Ironman 70.3 Elsinore finisher, 2 CPH marathons and 1 half finisher, Long-distance cycling, Learning new skills, Travel, Photography, Piano & classical music

References available upon request