# ANAPAT CHAIRITHINUGULL

4+ YOE DATA SCIENTIST/SOFTWARE DEVELOPER
THAI CITIZENSHIP
DANISH FULL-TIME 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.

## CONTACT

- +45 71 87 03 84
- chairithinug@uwalumni.com
- Vanløse Allé 79, 4. 24, 2720
- https://chairithinug.github.io
- linkedin.com/in/anapat-chairithinugull/

## TECHNICAL SKILLS

- Python / Java / C / C++ / C# / MATLAB
- MySQL
- Git / GitHub
- TensorFlow / PyTorch
- OpenCV / Scikit-Learn / Pandas
- Agile environment
- Windows / macOS / Linux

## LANGUAGES

- Thai (Native)
- English (Fluent)
- Danish (UCplus module 5)

## EDUCATION

### MSc Computer Science

*Københavns Universitet | 2023 - 2025*

- Thesis topic in Temporal Graph Latent Space and Computational Fluid Dynamics.

### BS Computer Engineering

*University of Wisconsin - Madison | 2016 - 2020*

- Second majored in Computer Science.
- Seven semesters on the Honor's List.
- Awarded UW-Madison Undergrad. Scholarship for Summer Study.

## RELEVANT WORK EXPERIENCE

### Det Kongelige Bibliotek, Denmark

*Studentermedhjælper | Jun 2024 - Jun 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.

### Kasikorn Labs, Thailand

*Research Engineer | Jun 2020 - Aug 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.

## VOLUNTEER

### Thai Student and Alumni Association in Denmark (TSAAD)

*VP in Digital Systems | Sep 2025 - Present*

- Set up the automated system.

### Studenterhuset, Denmark

*Bar Volunteer | Sep 2023 - Oct 2024*

- Served as barista/bartender 12 hrs monthly.
- Managed the cashiers.
- Engaged with the customers.

### University of Wisconsin - Madison

*Volunteer CS Tutor | Sep - Dec 2019*

- Assisted junior students in programming.
- Held a 3-hr weekly drop-in session.

### IEEE - UW Madison Student Chapter

*VP | Sep 2019 - May 2020*

- Managed the student organization.

*Project Officer | Feb 2018 - May 2020*

- Designed and shared engineering projects.
- Hosted project sessions for members.

### Tau Beta Pi WI - A

*Webmaster | Apr 2019 - May 2020*

- Kept the website up-to-date.

## 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

## CONTINUAL LEARNING

- Microsoft Full-Stack Developer
- TensorFlow: Advanced Techniques
- Mathematics for Machine Learning
- DeepLearning.AI TensorFlow Developer
- Machine Learning Course
- Deep Learning

## RELEVANT WORK EXPERIENCE

### University of Wisconsin - Madison

*Undergrad. Lab Assistant | Sep - Dec 2019*

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

### RIS Company Limited, Thailand

*API Developer Intern | Jun - Jul 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.

### University of Wisconsin - Madison

*Undergrad. Project Assistant | May - Aug 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'.

## IRRELEVANT WORK EXPERIENCE

### Housing Foundation Copenhagen - fond

*Resident Assistant | Jul 2024 - Aug 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.