

# ADUNWIT TIAMPAE

linkedin.com/in/adunwit | github.com/atiampa | AI Engineer · DevOps · Research · Warehouse

## EDUCATION

<b>B.Eng (IoT &amp; Information Engineering) + B.Sc (Industrial Physics) — Dual Degree</b> <i>King Mongkut's Institute of Technology Ladkrabang (KMITL)</i>	GPA 3.09 / 4.00 Aug 2022 – Mar 2026
<b>M.Sc Financial Engineering</b> <i>WorldQuant University (Online)</i>	Apr 2026 – Apr 2028 (in progress)
<b>Software Engineering — Common Core (partial completion, Level 1.05)</b> <i>42 Bangkok</i>	May 2022 – May 2024

## SKILLS & PROFICIENCIES

**Languages & Scripting:** Python, PowerShell, Bash, C, C++, JavaScript, CSS, HTML, Django  
**Cloud & DevOps:** Azure, Terraform, Kubernetes, Docker, GitHub Actions, Helm, GCP, AWS, Nginx  
**AI / ML:** RAG pipelines, LLM integration, LSTM/GRU time-series forecasting, Agentic AI, OCR, TensorFlow, scipy, pandas, matplotlib  
**Systems & Tools:** Linux, SSH, systemctl, ERP/WMS, Excel, ESA security, SQLite, Quantum Computing, Memory Management, UML  
**Languages:** Thai (native), English (TOEFL ITP 467)

## EXPERIENCE

<b>Undergraduate Research Assistant</b> <i>KMITL — Smart Materials Research &amp; Innovation Unit (SMRIU)</i>	(6 mos) Dec 2025 – Present Bangkok · On-site
<ul style="list-style-type: none"><li>Designed and wired an industrial control panel (relay boards, stepper drivers, DC-DC converters, optocouplers) for precision automation of a quantum dot synthesis system.</li><li>Prototyped graphene oxide-based energy storage devices with full circuit setup and charging/discharging analysis.</li></ul>	
<b>DevOps Intern — Cloud Infrastructure &amp; Application Modernisation</b> <i>AIS (Advanced Info Service) · Cloud Center of Excellence</i>	(8 mos) May 2025 – Dec 2025 Bangkok · On-site
<ul style="list-style-type: none"><li>Built Azure Diagnostic Log monitoring with KQL queries tracking success/error rates across Firewall, App Gateway, ExpressRoute, and APIM; authored org-wide Azure naming-convention Policy enforced via Function App.</li><li>Engineered Terraform + GitHub Actions IaC pipeline for automated VNet hub-to-spoke peering; debugged Kubernetes pod scaling failure caused by anti-affinity misconfiguration in Helm templates.</li></ul>	
<b>Summer Analyst — Quantitative Research</b> <i>Pi Securities Public Company Limited</i>	(2 mos) Feb 2025 – Mar 2025 Bangkok · Remote
<ul style="list-style-type: none"><li>Developed LSTM and GRU neural network models for stock price trend forecasting, drawing on academic research in time-series deep learning.</li></ul>	
<b>English Interpreter (Financial Translation)</b> <i>N PrimePartners Capital</i>	(1 mo) Apr 2024 Singapore · Remote
<ul style="list-style-type: none"><li>Translated 5,000 words of financial website content from Thai to English in 5 days.</li></ul>	
<b>Project Coordinator — Creative Team</b> <i>Google Developer Groups on Campus (KMITL)</i>	(1 yr 1 mo) Nov 2024 – Nov 2025 Hybrid
<ul style="list-style-type: none"><li>Secured 5 sponsorships, 2 collaborations, and 8 speakers for tech workshops and talks.</li><li>Led event PR across Luma, Eventpop, Facebook, Instagram, and LinkedIn; acted as teaching assistant refining course materials.</li></ul>	
<b>Technical &amp; Marketing Intern</b> <i>42 Bangkok</i>	(1 yr 10 mos) Aug 2022 – May 2024 Bangkok · Hybrid
<ul style="list-style-type: none"><li>Drove 100+ participant enrolments via Facebook Live, TikTok, and in-person roadshows; served as MC, instructor, and teaching assistant across 10+ Piscine and roadshow events.</li></ul>	
<b>Operations Outbound Team Lead</b> <i>MyCloudFulfillment</i>	(10 mos) Jul 2023 – Apr 2024 Bangkok · On-site
<ul style="list-style-type: none"><li>Managed 10 staff during peak e-commerce events, overseeing 10,000+ orders end-to-end (picking, packing, shipping).</li><li>Achieved 5% error rate at Shipping Point; used Excel queries to optimise inventory tracking and recover deleted stakeholder files.</li></ul>	
<b>Cycle Counter</b> <i>Shopee</i>	(3 mos) Apr 2023 – Jun 2023 Samut Prakan · On-site
<ul style="list-style-type: none"><li>Conducted regular stock cycle counts and resolved inventory mismatches, maintaining accurate records across ERP/WMS systems.</li></ul>	
<b>Student Researcher</b> <i>Chulalongkorn University — Plant Genetic Conservation Project (RSPG)</i>	(9 mos) Aug 2019 – Apr 2020 Chon Buri · Hybrid
<ul style="list-style-type: none"><li>Identified a previously undocumented characteristic of Purslane (<i>Portulaca</i> spp.) combining monocot and dicot features, with no prior record in the Thai botanical database.</li></ul>	

## CERTIFICATIONS

Huawei Certified Cloud Developer Associate – Artificial Intelligence

## HONOURS & AWARDS

**Finalist** OpenAI x AIAT openAGI Hackathon (May 2026)  
**Top 10** NB Expresson Coffee Chain Hackathon, PTT Group (May 2026) | **Finalist** Arduino Tiny ML AI Hackathon (2023)  
**Popular Vote Winner** International Start-up Coding Challenge, Ecole 42 Paris & 42 Bangkok (2022) | **Scholarship Athlete** Bridge, 48th Thailand University Games (2023)  
**Royal Initiative Research Fellow** RSPG, Chulalongkorn University (2019) | **Valedictorian & Full-Ride Navy Scholarship** Singsamut School (2017)