

CHANON USAWINCHAI

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Pragmatic problem-solver with 10+ yrs. operations experience tackling challenges with data-driven & practical solutions

EDUCATION

UCLA ANDERSON SCHOOL OF MANAGEMENT

Class of 2024

Master of Business Analytics (MSBA)

Optimization | Modeling | Statistics | Data Visualization | Machine Learning

UNIVERSITY OF CALIFORNIA, LOS ANGELES (UCLA)

Class of 2013

Bachelor of Chemical Engineering | Asian Languages minor | Technology Management specialization

EXPERIENCE

PTT EXPLORATION & PRODUCTION (Fortune Global 500, Oil & Gas)

Jan 2017 - Sep 2023

Production Engineer

- ❖ Developed **regression analytics** for optimized gas/condensate production based on price trends (~200 KUSD/day)
- ❖ Coordinated multi-disciplinary teams for assets comprising 25% Thailand gas (10 MMUSD/day) with zero shortfalls
- ❖ Managed arsenic in condensate to transform off-specification penalties into premium pricing (+4.7 MMUSD/year)
- ❖ Directly negotiated 2.4 MMUSD in funding from CEO of joint venture partner for purchase of critical equipment
- ❖ Maintains a spotless safety record with **zero incidents** under my supervision (~800 employees)
- ❖ Recognized with 22 international & regional awards (Innovation, Technical Forum, Performance Excellence)

Process Engineer

Apr 2014 - Dec 2016

- ❖ Optimized project economics for integrated gas production-living platform by 67% (43 MMUSD)
- ❖ Supported technical design of lowest-cost wellhead platforms while maintaining operability (SPE Award)
- ❖ Implemented a novel cascade control system for produced water process, resulting in an 89% cost reduction

ENCONCEPT E-ACADEMY, **Course Director**

Oct 2017 - Present

- ❖ Developed first, in-house Advanced Writing course with integrated online curriculum

KAPLAN, **Test Prep Instructor**

Mar 2014 - Jan 2019

- ❖ Increased client scores by 31% percentile on average and earned highest client evaluations (4.7/5.0)
- ❖ Co-authored curriculum for the 2016 SAT, becoming the first course provider in Thailand

SPEEDTEXT, **Sales & Marketing Lead**

Nov 2004 - Apr 2014

Online textbook retailer

- ❖ Managed 120,000 sales, generating 7 MMUSD in revenue; Recognized as fastest growing in the industry (2008)
- ❖ Pioneered branding strategy that allowed access to cross-category markets and was adopted industry-wide
- ❖ Achieved industry-best delivery times by streamlining order fulfillment by 4x
- ❖ Directly handled customer relations, garnering a 98% positive feedback rate

CHEVRON EXPLORATION & PRODUCTION, **Facilities Engineering Intern**

Jun 2012 - Sep 2012

- ❖ Rectified bypass of 13 critical safety components; Accounted for 92% of flow discrepancies in flare network

LEADERSHIP

STEERING COMMITTEE, **Scuba Diving Club, PTT Exploration & Production**

Oct 2016 – Sep 2023

- ❖ Championed AI-powered database for monitoring of endangered marine species at offshore assets to promote Corporate Social Responsibility (<https://oceandata.pttep.com/AquaticAnimal>)
- ❖ Coordinate monthly environmental surveys, trash cleanup dives, and buoy donations to local communities

PRESIDENT, **Thai Student Association, UCLA**

Apr 2011 - Jun 2013

- ❖ Recognized by Mayor Villaraigosa & Thai Consulate for creating a nation-wide network for Thai students
- ❖ Quadrupled organizational budget (\$10,000), and doubled membership (200+) through community outreach

SKILLS

Technical: Python | SQL | R | C++ | Power BI

Languages: English | Thai | Spanish

Interests: Aspiring wildlife photographer | Competitive basketball player | Dog rescue volunteer
