**Piyapoom Seechang**

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## EDUCATION

**GEORGIA INSTITUTE OF TECHNOLOGY** **Atlanta, GA,** **USA**

***Master of Science in Supply Chain Engineering*** *August 2015*

* Fully sponsored by PTT Public Company Limited as a scholarship employee

**CHULALONGKORN UNIVERSITY** **Bangkok, Thailand**

***Bachelor of Engineering*** *June 2012*

* Major: Automotive Design and Manufacturing Engineering
* GPA: 3.68 - First Class Honors (Ranked 4/70 students; class average 2.98)
* ISE Scholarship student from academic year 2009-2011 (Top 10% GPA)

## PROFESSIONAL EXPERIENCE

**GEORGIA INSTITUTE OF TECHNOLOGY Atlanta, GA,** **USA**

***Student Consultant – GE Power & Water*** *January 2015 – May 2015*

* Analyzed current overhaul processes using SQL for gas turbines to find opportunities of reducing total turnaround time
* Developed an automated tool using Python to support inventory holding decision and proposed a new inventory holding strategy for rotable parts saving 14% of the overall inventory cost

**PTT PUBLIC COMPANY LIMITED (PTT) Bangkok, Thailand**

***Engineer & Project Team Member – Treasury Department*** *February 2014 – June 2014*

* Established plan and schedule for Cash Management project
* Designed scope and timeline of Financial Shared Service Center project

***Engineer & Project Leader – Group Logistics Master Plan Project*** *June 2013 – January 2014*

* Designed Data Analysis approach and developed roadmap of logistics technology for 11 pilot companies
* Implemented roadmap for logistics technology (i.e. transportation management system, warehouse management system) into 11 pilot companies in PTT Group saving each company 4-15 % of logistics cost for a total of US$4 million annually.
* Implemented Oracle warehouse management system software; saved $600,000 in labor; increased productivity 11% for HMC Polymers

***Engineer – Supply Chain and Logistics Optimization Department*** *August 2012 – May 2013*

* Fully responsible for planning/issuing Monthly Oil Product Distribution Plan, using ILOG LogicNet Plus, for PTT Oil Business Unit; total value of product and transportation cost is $7.2 billion annually; transportation alone is $100 million annually
* Member of Supply Chain and Logistics Optimization Project, minimizing distribution cost of entire Oil Business Unit (1.2 billion liters in sales per month, more than 1,200 gas stations nationwide); decreased costs by 4%
* Minimized in-house storage to reduce warehousing and waste; saved $960,000 annually and closed one unnecessary distribution center, saving additional $550,000 yearly
* As a member of an emergency team, designed emergency contingency plan when natural gas field in Myanmar shut down, threatening to cause 2-week blackout across 14 Thai provinces; completely avoided shutdown of 3 power plants and secured electricity for 15 million people.
* Adapted Milk Run (multi-drop) system from automotive industry to redesign distribution network for Transportation Operation Department of PTT Oil Business Unit; saved PTT Oil $2.3 million annually

**THAI SUMMIT RAYONG AUTOPARTS INDUSTRY CO, LTD. Rayong, Thailand**

***Engineering Intern – Production Engineering Department*** *May 2011 – July 2011*

* Designed a new factory layout, using CATIA V-5 and MATLAB, for new building to serve the expansion of demand for compact cars
* The design was implemented; successfully increased productivity by 12% and reduced machine idle time by 10% compared to the existing platform.

## SKILLS/INTERESTS

* Software Expertise: MATLAB, CATIA V-5, SAP ECC 6.0, LogWorks, ILOG LogicNet Plus, SQL, Python
* Member of Thai Logistics and Production Society (from 2013)
* Flood Relieve volunteer at Chulalongkorn University in 2011