

90/68 Watcharapol Rd. 
Bangkok 10220 Thailand
+6682-365-9111 
jinnapat.ind@gmail.com 
einsmein.github.io 

JINNAPAT INDRAPIROMKUL

Computer Science graduate with proven industrial experience in software development specialized in cloud and microservice architecture.

WORK EXPERIENCE

Cisco Systems Thailand, Chonburi — Test Engineer

SEPTEMBER 2018 - PRESENT

- Oversee test operations in contract manufacturer production line as a part of local team in Global Manufacturing Operations
- Assist test script conversion to a new Python web-based platform
- Drive production issues in collaboration with manufacture and product engineers

Visma Software International, Oslo — Software Developer

SEPTEMBER 2016 - JANUARY 2018

- Built microservice on Azure Service Fabric using cloud architecture, implemented unit, integration tests and deployed to production
- Developed a new service to integrate multiple data sources and handle variety of data format
- Gained experience with automated deployment pipeline using Stash, TeamCity and Octopus
- Created a job scheduling application to demonstrate business use case of Azure Service Fabric, presented in an internal R&D Forum
- Implemented sentiment analysis with Naive Bayes classifier and extended NLTK Python library to support incremental training

EDUCATION

Korea Advanced Institute of Science and Technology (KAIST), Daejeon — B.Sc. Computer Science

SEPTEMBER 2012 - AUGUST 2018

- GPA 3.63/4.3, Dean's List in Fall 2015
- Major Coursework: Data Structure, Discrete Mathematics, Programming Language, Programming Principles, Computer Network, Introduction to Algorithms, Web Technologies and Business Strategies, Introduction to Artificial Intelligence, System Programming, Computer Organization, Computer Architecture, Embedded Computer Systems, Operating Systems and Lab, Distributed Systems

Uppsala University, Uppsala — Exchange Program

JANUARY 2015 - JUNE 2015

- Coursework: Database Design, Sustainable Design

SKILLS

C#, Java, Python, C, Scheme, MATLAB, AngularJS
Azure Cloud Services, **AWS**
Azure Service Fabric, Node.js, **Spring Boot**, Apache Hadoop, .NET, MongoDB, **Git**
Adobe Illustrator, Adobe Photoshop, Adobe Lightroom

CERTIFICATE & AWARDS

Machine Learning course certificate from coursera.org
3rd place winner from UNDP Youth Co:Lab SDG Social Innovation Platform, Bangkok
Best pitch award from SDGs Hackathon 2018, Bangkok

LANGUAGES

Thai — Native
English — Fluent
Korean — Intermediate
Norwegian — Beginner

PROJECTS

EmptyFridge – Web service to tackle food waste

- Designed a service that can be used as an extension of online grocery stores to predict food waste from a set of menus
- Implemented a full-stack web application to demonstrate the service using Spring Boot framework for database and web API, with AngularJS for user interface
- Conceptualized calculation method to suggest alternatives that would result in lower waste
- Presented in Green Challenge 2018 at DTU, Denmark

Evaluation of load balancing mechanism for SDN controllers

- Completed as a part of Distributed System course
- Implemented load balancing mechanism for SDN controllers using Floodlight OpenFlow controller based on functional description in "A Load Balancing Mechanism for multiple SDN Controllers based on Load Informing Strategy" by Jinke Yu et al.
- Created a Python script that used Mininet API to build network topology and generate traffic
- Evaluated algorithm by observing load fluctuations during traffic simulated from real network data

Systolic array for DNN accelerator

- Completed as a part of Computer Architecture course
- Created a simple systolic array simulator in Python
- Implemented feedforward algorithm that reflects realistic condition of limited processing elements and memory bandwidth

OTHER EXPERIENCE

Graphic Design

- Board member and media creator of Oslo OSI Ultimate club and KAIST Ultimate club
- Media creator for KAIST BizWorld, an international entrepreneurial student conference
- Art editor for high school yearbook, student magazine, science fair newsletter

Ultimate Frisbee

- Former member of Oslo OSI Ultimate club, Oslo Pancake Circle Ltd., KAIST Ultimate club
- Participated in Norwegian Ultimate Series 2017 and Republic Of Korea Ultimate Spring Season 2018
- Participated in tournaments in Norway, Sweden, Denmark, Cambodia

Sustainable Development

- Participated in SDGs Hackathon 2018 by UNDP Thailand
- Participated in National Ocean Exploration Forum 2018: All Hands On Deck at MIT Media Lab

KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY

Daejeon, Korea
ACADEMIC TRANSCRIPT

Student No.: 00000000

DATE: January 11, 2019

NAME OF FILL	Language (English/Other)	ITY	DEPARTMENT	School of Computer Science	DEGREE RECEIVED	S.S.	DATE OF ADMISSION	Aug. 1, 2012	GRAD TOTAL CREDIT	127.4	
DATE OF BIRTH	November 24, 1992		NAME	School of Computing	DATE OF COMPLETION		DATE OF COMPLETION	Aug. 26, 2014	TOTAL S.P.A.	1,410,143.4	
			NAME							88,331,700	
Subject		Credit	Grade	Subject		Credit	Grade	Subject		Credit	Grade
Credit Transfered		01	0	Spring Semester 2014		01	A-	Fall Semester 2017		01	0
English Composition Lab		0.5	0	General Computer Lab		01	A-	Advanced Lab 1: Introduction to Programming		01	0
English Reading in English Lab		0.5	0	General Topics in Social Science/Technology of Water Lab		01	A-	Total S.P.A.		0.5	0
Total S.P.A.		0.00		Computer Direct Integrated Lab 1		01	A-				
Fall Semester 2012		01	0	General Topics		01	A-	Spring Semester 2018		01	A-
Reading College Life		01	0	General Topics		01	A-	Practical Lab and Seminar		01	A-
Reading Lab 1 for Foreign Students		01	0	General Topics		01	A-	Computer Science Project		01	A-
General Physics I		01	0	General Topics		01	A-	Computer Science Seminar		01	A-
General Physics Lab. I		01	0	General Topics		01	A-	Introduction to Systems		01	A-
General Chemistry I		01	0	General Topics		01	A-	Total S.P.A.		0.00	0
General Chemistry Experiment I		01	0	General Topics		01	A-				
Introduction to Linear Algebra		01	0	General Topics		01	A-				
Introduction to Programming		01	0	General Topics		01	A-				
Total S.P.A.		0.00		Fall Semester 2014		01	A-				
Spring Semester 2013		01	0	General Topics		01	A-				
Reading College Life		01	0	General Topics		01	A-				
Reading Lab 1 for Foreign Students		01	0	General Topics		01	A-				
General Physics I		01	0	General Topics		01	A-				
General Physics Lab. I		01	0	General Topics		01	A-				
General Chemistry I		01	0	General Topics		01	A-				
General Chemistry Experiment I		01	0	General Topics		01	A-				
Introduction to Linear Algebra		01	0	General Topics		01	A-				
Introduction to Programming		01	0	General Topics		01	A-				
Total S.P.A.		0.00		Fall Semester 2015		01	A-				
Spring Semester 2013		01	0	General Topics		01	A-				
Reading College Life		01	0	General Topics		01	A-				
Reading Lab 1 for Foreign Students		01	0	General Topics		01	A-				
General Physics I		01	0	General Topics		01	A-				
General Physics Lab. I		01	0	General Topics		01	A-				
General Chemistry I		01	0	General Topics		01	A-				
General Chemistry Experiment I		01	0	General Topics		01	A-				
Introduction to Linear Algebra		01	0	General Topics		01	A-				
Introduction to Programming		01	0	General Topics		01	A-				
Total S.P.A.		0.00		Fall Semester 2016		01	A-				
Spring Semester 2013		01	0	General Topics		01	A-				
Reading College Life		01	0	General Topics		01	A-				
Reading Lab 1 for Foreign Students		01	0	General Topics		01	A-				
General Physics I		01	0	General Topics		01	A-				
General Physics Lab. I		01	0	General Topics		01	A-				
General Chemistry I		01	0	General Topics		01	A-				
General Chemistry Experiment I		01	0	General Topics		01	A-				
Introduction to Linear Algebra		01	0	General Topics		01	A-				
Introduction to Programming		01	0	General Topics		01	A-				
Total S.P.A.		0.00		Fall Semester 2017		01	A-				
Spring Semester 2013		01	0	General Topics		01	A-				
Reading College Life		01	0	General Topics		01	A-				
Reading Lab 1 for Foreign Students		01	0	General Topics		01	A-				
General Physics I		01	0	General Topics		01	A-				
General Physics Lab. I		01	0	General Topics		01	A-				
General Chemistry I		01	0	General Topics		01	A-				
General Chemistry Experiment I		01	0	General Topics		01	A-				
Introduction to Linear Algebra		01	0	General Topics		01	A-				
Introduction to Programming		01	0	General Topics		01	A-				
Total S.P.A.		0.00		Fall Semester 2018		01	A-				
Spring Semester 2013		01	0	General Topics		01	A-				
Reading College Life		01	0	General Topics		01	A-				
Reading Lab 1 for Foreign Students		01	0	General Topics		01	A-				
General Physics I		01	0	General Topics		01	A-				
General Physics Lab. I		01	0	General Topics		01	A-				
General Chemistry I		01	0	General Topics		01	A-				
General Chemistry Experiment I		01	0	General Topics		01	A-				
Introduction to Linear Algebra		01	0	General Topics		01	A-				
Introduction to Programming		01	0	General Topics		01	A-				
Total S.P.A.		0.00		Fall Semester 2019		01	A-				
Spring Semester 2013		01	0	General Topics		01	A-				
Reading College Life		01	0	General Topics		01	A-				
Reading Lab 1 for Foreign Students		01	0	General Topics		01	A-				
General Physics I		01	0	General Topics		01	A-				
General Physics Lab. I		01	0	General Topics		01	A-				
General Chemistry I		01	0	General Topics		01	A-				
General Chemistry Experiment I		01	0	General Topics		01	A-				
Introduction to Linear Algebra		01	0	General Topics		01	A-				
Introduction to Programming		01	0	General Topics		01	A-				
Total S.P.A.		0.00		Fall Semester 2020		01	A-				
Spring Semester 2013		01	0	General Topics		01	A-				
Reading College Life		01	0	General Topics		01	A-				
Reading Lab 1 for Foreign Students		01	0	General Topics		01	A-				
General Physics I		01	0	General Topics		01	A-				
General Physics Lab. I		01	0	General Topics		01	A-				
General Chemistry I		01	0	General Topics		01	A-				
General Chemistry Experiment I		01	0	General Topics		01	A-				
Introduction to Linear Algebra		01	0	General Topics		01	A-				
Introduction to Programming		01	0	General Topics		01	A-				
Total S.P.A.		0.00		Fall Semester 2021		01	A-				
Spring Semester 2013		01	0	General Topics		01	A-				
Reading College Life		01	0	General Topics		01	A-				
Reading Lab 1 for Foreign Students		01	0	General Topics		01	A-				
General Physics I		01	0	General Topics		01	A-				
General Physics Lab. I		01	0	General Topics		01	A-				
General Chemistry I		01	0	General Topics		01	A-				
General Chemistry Experiment I		01	0	General Topics		01	A-				
Introduction to Linear Algebra		01	0	General Topics		01	A-				
Introduction to Programming		01	0	General Topics		01	A-				
Total S.P.A.		0.00		Fall Semester 2022		01	A-				
Spring Semester 2013		01	0	General Topics		01	A-				
Reading College Life		01	0	General Topics		01	A-				
Reading Lab 1 for Foreign Students		01	0	General Topics		01	A-				
General Physics I		01	0	General Topics		01	A-				
General Physics Lab. I		01	0	General Topics		01	A-				
General Chemistry I		01	0	General Topics		01	A-				
General Chemistry Experiment I		01	0	General Topics		01	A-				
Introduction to Linear Algebra		01	0	General Topics		01	A-				
Introduction to Programming		01	0	General Topics		01	A-				
Total S.P.A.		0.00		Fall Semester 2023		01	A-				
Spring Semester 2013		01	0	General Topics		01	A-				
Reading College Life		01	0	General Topics		01	A-				
Reading Lab 1 for Foreign Students		01	0	General Topics		01	A-				
General Physics I		01	0	General Topics		01	A-				
General Physics Lab. I		01	0	General Topics		01	A-				
General Chemistry I		01	0	General Topics		01	A-				
General Chemistry Experiment I		01	0	General Topics		01	A-				
Introduction to Linear Algebra		01	0	General Topics		01	A-				
Introduction to Programming		01	0	General Topics		01	A-				
Total S.P.A.		0.00		Fall Semester 2024		01	A-				
Spring Semester 2013		01	0	General Topics		01	A-				
Reading College Life		01	0	General Topics		01	A-				
Reading Lab 1 for Foreign Students		01	0	General Topics		01	A-				
General Physics I		01	0	General Topics		01	A-				
General Physics Lab. I		01	0	General Topics		01	A-				
General Chemistry I		01	0	General Topics		01	A-				
General Chemistry Experiment I		01	0	General Topics		01	A-				
Introduction to Linear Algebra		01	0	General Topics		01	A-				
Introduction to Programming		01	0	General Topics		01	A-				
Total S.P.A.		0.00		Fall Semester 2025		01	A-				
Spring Semester 2013		01	0	General Topics		01	A-				
Reading College Life		01	0	General Topics		01	A-				
Reading Lab 1 for Foreign Students		01	0	General Topics		01	A-				
General Physics I		01	0	General Topics		01	A-				
General Physics Lab. I		01	0	General Topics		01	A-				
General Chemistry I		01	0	General Topics		01	A-				
General Chemistry Experiment I		01	0	General Topics		01	A-				
Introduction to Linear Algebra		01	0	General Topics		01	A-				
Introduction to Programming		01	0	General Topics		01	A-				
Total S.P.A.		0.00		Fall Semester 2026		01	A-				
Spring Semester 2013		01	0	General Topics		01	A-				
Reading College Life		01	0	General Topics		01	A-				
Reading Lab 1 for Foreign Students		01	0	General Topics		01	A-				
General Physics I		01	0	General Topics		01	A-				
General Physics Lab. I		01	0	General Topics		01	A-				
General Chemistry I		01	0	General Topics		01	A-				
General Chemistry Experiment I		01	0	General Topics		01	A-				
Introduction to Linear Algebra		01	0	General Topics		01	A-				
Introduction to Programming		01	0	General Topics		01	A-				
Total S.P.A.		0.00		Fall Semester 2027		01	A-				
Spring Semester 2013		01	0	General Topics		01	A-				
Reading College Life		01	0	General Topics		01	A-				
Reading Lab 1 for Foreign Students		01	0	General Topics		01	A-				
General Physics I		01	0	General Topics		01	A-				
General Physics Lab. I		01	0	General Topics		01	A-				
General Chemistry I		01	0	General Topics		01	A-				
General Chemistry Experiment I		01	0	General Topics		01	A-				
Introduction to Linear Algebra		01	0	General Topics		01	A-				
Introduction to Programming		01	0	General Topics		01	A-				
Total S.P.A.		0.00		Fall Semester 2028		01	A-				
Spring Semester 2013		01	0	General Topics		01	A-				
Reading College Life		01	0	General Topics		01	A-				
Reading Lab 1 for Foreign Students		01	0	General Topics		01	A-				
General Physics I		01	0	General Topics		01	A-				
General Physics Lab. I		01	0	General Topics		01	A-				
General Chemistry I		01	0	General Topics		01	A-				
General Chemistry Experiment I		01	0	General Topics		01	A-				
Introduction to Linear Algebra		01	0	General Topics		01	A-				
Introduction to Programming		01	0	General Topics		01	A-				
Total S.P.A.		0.00		Fall Semester 2029		01	A-				
Spring Semester 2013		01	0	General Topics		01	A-				
Reading College Life		01	0	General Topics		01	A-				
Reading Lab 1 for Foreign Students		01	0	General Topics		01	A-				
General Physics I		01	0	General Topics		01	A-				
General Physics Lab. I		01	0	General Topics		01	A-				
General Chemistry I		01	0	General Topics		01	A-				
General Chemistry Experiment I		01	0	General Topics		01	A-				
Introduction to Linear Algebra		01	0	General Topics		01	A-				
Introduction to Programming		01	0	General Topics		01	A-				
Total S.P.A.		0.00		Fall Semester 2030		01	A-				
Spring Semester 2013		01	0	General Topics		01	A-				
Reading College Life		01	0	General Topics		01	A-				
Reading Lab 1 for Foreign Students		01	0	General Topics		01	A-				
General Physics I		01	0	General Topics		01	A-				
General Physics Lab. I		01	0	General Topics							