

Natthapong SOMBOONPHATTARAKIT

— Information makes Sample Spaces decreased. —

Personal Data

DATE OF BIRTH: 31 August 1998
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Education

<i>Current</i> 2016 - 2020	Kasetsart University (KU) Expecting Bachelor Degree in Computer Engineering GPA : 3.64 (4 Semesters)	Bangkok, Thailand
2013 - 2015	Suankularb Wittayalai Rangsit School (SKR) High School, Gifted Education Program (GEP) GPA : 3.95	Pathum Thani, Thailand

Work Experience

<i>Current</i> AUG 2018	KU's New Age Information Management Course <i>Teaching Assistant</i> <ul style="list-style-type: none">Advised students about concepts and trends of new age data and information, information management process, information applications benefiting everyday life.Enhanced student project's concepts for nowadays technologies with Design Thinking	Bangkok, Thailand
2014 - 2015	SKR's Computer Club <i>Vice President</i> <ul style="list-style-type: none">Managed Bootcamp for students whom interested in POSN Computer Camp.Organized 7th Jubchai Camp for students whom interested in computer lessons, such as creating game with Kodu Game Lab and creating 3D Model with Cinema 4D.	Pathum Thani, Thailand

Skills

TECHNICAL SKILLS: C, C++, C#, Java, Node.js, Python, Arduino, SQL, MongoDB, UNIX/Linux
SOFT SKILLS: Communication, Flexibility, Time-management, Teamwork, Confident

Achievements

KU-EPT Standardized English Test for Kasetsart University Students	63/80 (78.75%) SEP 2016
ACM-ICPC 2016 ACM-ICPC Thailand Central Group A Programming Contest	Participated SEP 2016
TOI11 The Eleventh Thailand Olympiad in Informatics 2015	Participated JUN 2015

Interests

DATA SCIENCE: Data Mining, Natural Language Processing, Machine Learning, Statistics
CAREER PATH: Data Scientist, Data Engineer, Backend Developer
MUSIC: BNK48

Selected Projects

Tryko *Arduino, Python (2017)* <https://github.com/srakrnrxku/01204223-final>

Tryko is a *Taiko* drum game controller for *Osu!* music game in *Taiko* mode. It works by binding keyboard typing events decided by the values read from the piezo sensors. Machine learning is used to classify which button should be chosen with 94.6% accuracy.

To-ur-world *Node.js, React.js (2018)* <https://github.com/koaly/godtour>

To-ur-world is an online traveling agency website created with Node.js and React.js. The website features JWT-based authentication and Tour-it-yourself, the function that allow users request tour's specs by themselves, was developed on RESTful API concept.

DEPLOYED: <https://to-ur-world.herokuapp.com>

REST *Arduino, HTML (2017)* https://github.com/koaly/REST_HARDWARE

REST is a chair designed to help office syndrome risk group by detecting a long time sitting and will shake or spin to warn the user. REST also collect users' sitting and break period to analyze users' health status.

Origami *Python (2017)* <https://github.com/koaly/Origami>

Origami is a concentration practice game created with Python's arcade package. Player will control two paper planes at the same time to collect coins for score and avoid water that will make the plane fall.

G-Buster *Java (2017)* <https://github.com/koaly/G-Buster>

G-Buster is a point and click game created with Java's libGDX package. Player will play as a ghost buster who perform a mission at the graveyard. In G-Buster there are various types of ghost but beware not to bust the kids.