Visatouch Deeying

Phone: (+66) 85 345 7488
Email: visatouch@vi.satou.ch | Website: https://vi.satou.ch
LinkedIn: https://www.linkedin.com/in/visatouch

Work experiences

Faculty of Engineering, Chulalongkorn University – Teaching Assistant   **2017 – 2019**

- Involved in Computer System Architectures class and Computer Networks class.

Kinoshita's Laboratory, Tokyo University of Technology – Research Intern   **2016**

- Helped with a research about "Smartphone Authentication by Trace of Touch Operation".

Educations

Chulalongkorn University – Master of Engineering in Computer Engineering   **2017 – present**

- Currently attending

Chulalongkorn University – Bachelor of Engineering in Computer Engineering   **2013 – 2017**

- GPAX: 3.60 (1st Class Honors)

Awards

2nd Place, Programming Methodology class of 2014   **2015**

- In recognition of outstanding contribution as the second place of top 3% of student in 2014 for programming methodology class.

Gold Medallist, The 7th Thailand Olympiad in Informatics   **2011**

- Achieve a gold medal in The 7th Thailand Olympiad in Informatics. A national programming competition for high school students.

Final Round Participant, The 13th National Software Contest   **2011**

- Participated in final round of The 13th National Software Contest in Software for Entertainment (secondary school level) section.

Silver Medallist, The 6th Thailand Olympiad in Informatics   **2010**

- Achieve a silver medal in The 6th Thailand Olympiad in Informatics. A national programming competition for high school students.

Publications

A study of vehicular desynchronization for platooning application   **2017**

- Proceeding of 2017 17th IEEE International Conference on Communication Technology (ICCT)
- Available on IEEE Xplore [https://ieeexplore.ieee.org/document/8359878/]

Projects

Communication system and algorithm for automatic vehicle platooning
2016 – present

- Developed and demonstrate a communication protocol for automatic vehicle platooning.
- Utilized IEEE 802.11p standard for communication.
- Used Anki OVERDRIVE as a prototype for demonstration.
- This project was demonstrated in NITAD 17.

CU Pile
2016 – 2017

- An application which help civil engineers in pile driving operations.
- A project collaborated with Geotechnical Research Unit, Chulalongkorn University.
- In the team, I'm mostly focused on the backend and database.

teacup
2016 – present

- A social network which focused on articles and discussions.
- In the team, I'm mostly focused on the backend and deployment.
- Live at https://teacupreader.com.

Project Pon
2014

- A combination between pong and breakout game with networking feature written in Java.
- GitHub repository for this project is at https://github.com/xerodotc/project-pon.

Activities

ACM-ICPC Contests, Chulalongkorn University site – System Division (head) staff
2014 – 2016

- An international programming competition for university students.
- Operate and maintain contest system for all ACM-ICPC competitions that being held at Chulalongkorn University between 2014 to 2016.

2015 ICPC Pre-Contest – Problem Setter
2015

- An ACM-ICPC style programming competition organised by SIPA (now DEPA).
- Create programming problems for the contestant to solve.

Skills

Programming Languages
- Competent in C, C++, Java, Python and Bash script
- Have some experience with PHP, JavaScript and SQL

Other Software Development/Computer Skills
- Familiar with Linux system
- Familiar with Git version control system
- Have experience with Flask Microframework for Python
- Have experience in network simulation with ns-3 or OMNeT++ plus Veins/Plexe Framework
- Have experience with socket programming

Language Skills
- Thai (native)
- English (intermediate, TOEFL iBT – 89 points)
- Japanese (beginner, JLPT N3 – passed)