

# Sorawee Porncharoenwase

## JOBS AND WORKS

Brown CS 2015 – PRESENT

### Teaching Assistant

- SPRING 2015 **Course Staff**  
*Coursera: Coding the Matrix*
- FALL 2015 **Teaching Assistant**  
*CS019 Accelerated Intro to CS*
- SPRING 2016 **Teaching Assistant**  
*CS195Y Logic for Systems*
- FALL 2016 **Head Teaching Assistant**  
*CS053 Coding the Matrix*
- SPRING 2017 **Head Teaching Assistant**  
*CS195Y Logic for Systems*
- FALL 2017 **Teaching Assistant**  
*CS173 Intro to Prog. Languages*
- SPRING 2018 **Teaching Assistant**  
*CS195Y Logic for Systems*

Bootstrap and Brown CS 2015 – PRESENT

### Contributor

Work on chart library integration and compiler optimization for Pyret, a teaching programming language for Bootstrap, a CS curricular program for high school students used in at least 17 states in the U.S., and Brown University courses.

Facebook, Inc. JUNE – AUGUST 2016

### Summer Intern (Release Engineer)

Developed a framework to automate Facebook mobile app uploading to app stores.

Square, Inc. JUNE – AUGUST 2015

### Summer Intern (Platform Engineer)

Designed a domain-specific language for a database migration tool.

## AWARDS & HONORS

- DECEMBER 2017 **Honorable Mention**  
*CRA Outstanding Undergraduate Researcher Award*
- MARCH 2017 **The Randy F. Pausch CS Undergrad Summer Research Award**  
*Brown CS*
- FEBRUARY 2014 **Excellence Award**  
*VEX Robotics Competition, East Rockaway, NY*
- SEPTEMBER 2012 **Bronze Medal**  
*International Olympiad in Informatics, Italy*

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## RESEARCH

Brown CS JUNE – AUGUST 2017

### CompoSAT: Specification-Guided Coverage for Scenario Finding

with Tim Nelson and Shriram Krishnamurthi

Wrote a paper (under submission) and developed an extension to model finders, tools that help users to explore a system's behavior.

## EDUCATION

APRIL 2018 **Brown University**  
CANDIDATE FOR BACHELOR OF  
SCIENCE IN COMPUTER SCIENCE  
(UNOFFICIAL GPA: 3.93/4)  
*Providence, RI*

JUNE 2014 **The Masters School**  
*Dobbs Ferry, NY*

MARCH 2012 **Triam Udom Suksa School**  
*Bangkok, Thailand*

## EXPERIENCE

Thai Government 2016 – PRESENT  
**Programmer**

Maintain a server to generate necessary official documents for Thai students who receive a scholarship to study in the U.S.

Thai Wikipedia 2013 – PRESENT  
**Administrator**

Maintain and help technical problems arise in Thai Wikipedia.

MediaWiki and Pywikibot 2012 – 2014  
**Contributor**

Contributed to the open-source projects.

programming.in.th 2012 – 2016  
**Development Staff**

Wrote programming contest tasks and maintained programming.in.th, the largest programming (contest) community in Thailand.