

## SOMTIDA SINKAMNOONSAK

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### Skills

- FrontEnd: JavaScript, JQuery, AJAX, HTML, Bootstrap, CSS, AngularJS, Ionic, and Bower
- BackEnd: Node, Express, MongoDB, MYSQL, SQLite, NPM, PHP and RESTful API's
- Exposure: Git, Mocha, Gulp, AWS, Python, C++, and Ruby

### Development Projects

- Full Stack Developer and Code Mentor at Coding House, San Francisco Bay Area (Present)
  - Develop various full stack web applications with the MEAN stack (MongoDB, Express, Angular, Node).
  - Ensure that the applications run smoothly by testing and debugging
- Master Degree Thesis (August 2012)
  - Developed a web application that can transform a 2D map contour to a 3D terrain's surface (Digital Elevation Model) by using WebGL and HTML5
  - Created a JavaScript library containing layer-tinting for the web application
  - Used AJAX to transferred overlay data onto the JavaScript library to create details such as roads, rivers, and utility poles on the 3D terrain

### Published Papers

- Co-author "Approximate Web Database Search Based on Euclidean Distance Measurement." *Proceedings of the International MultiConference of Engineers and Computer Scientists*. 2011. Vol. 1. 702-06. Print
- Co-author "JavaScript 3D Graphics Library for Agricultural Geographic Information System." *Proceeding of 50<sup>th</sup> Kasetsart University Annual Conference*. 2012. 94-101. Print.

### On Campus and Internship

- Teaching assistant in C++ Computer Programming Lab, SUT Sep 2010 – Apr 2011
  - Coached students to improve their understanding in concept of Computer Programming
  - Reviewed assignments and logical thinking completed by students for accuracy
  - Provided general support and produced accurate practice test results
- Web Developer internship at National Institute of Metrology Sep 2009 – Dec 2009
  - Developed software solutions by studying systems flow, data usage and investigated problem areas following the software development lifecycle
  - Developed a web application for monitoring site analytics and reporting the success of the organization on key performance indicators (KPIs)
  - Administered the databases system and designed a user interface for the intranet website

### Education

Suranaree University of Technology (SUT), Thailand

Master of Computer Engineering, August 2012

GPA: 3.83

Bachelor of Computer Engineering, December 2009

GPA: 3.54

### Activities and Affiliations

Collegiate Golfer for Suranaree University of Technology

May 2006 – Apr 2011