Nanwarin Chantarutai

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Experience

Software Engineer with 5 years focused on developing test automation tools for Hard Disk Drive with Western Digital Company. Currently working on Website Development for University Housing Service Department at California State Polytechnic University-Pomona

Web Developer *California State Polytechnic University-Pomona* [2016 – Present]

Create Web Applications for University Housing Service Team regarding to user requirements

- Develop Content Management System for internal usage. The CMS provides features to create a webpage without knowledge of HTML and save new html files on server computer. The CMS also allows users to manage html files through CMS
- Developed housing cost calculator webpage. The calculator provides various options of housing type provided by the university

Research Assistant *California State Polytechnic University-Pomona* [2016]

Research Assistant for Dr. Lourdes Abellera, Civil Engineer Department. Worked with a teammate to create application to provide data analysis on negative comments from Tweeter. This project funded by Caltrans

Software Engineer *Western Digital Company, Thailand* [2010 – 2015]

Characterization Engineer Department [2013-1015]

- Worked at Western Digital Company Irvine, CA for 8 months with L-1 VISA
- Developed performance test scripts on Hard Disk Drive
- Worked with automation Windows-based testers that deliver test scripts to Linux-based testers
- Performed failure analysis, debugging, and troubleshoot on testing scripts and testers
- Updated software test scripts for new firmware updates. Understand new firmware structures and technologies of Hard Disk Drive. Cooperated with firmware department team to fix issue regarding firmware issues captured by performance testing
- Worked with developer site and factory site. Traveled to branch offices in order to cooperate with team members and other departments from different countries.

Test Deployment Engineer Department [2010-2013]

- Designed algorithm for automatic testers to improve robot movement inside testers
- Performed failure analysis and provided software setting in order to utilize automatic testers.

Software Engineer Intern *Western Digital Company, Thailand* [2010]

Developed web application to provide automation tools to reduce routine tasks

Projects

Design Pattern Verification Plugin for Eclipse: created plugin for Eclipse to detect wrong design pattern by using Java.

Analyzing Spread of Influence in Social Networks for Transportation Application: created application to identify negative influence tweets on Tweeter by using data from Tweeter API.

Image Recognition from Noised Images: created application to identify original image from noised images by using Java.

Education

Master's Degree, Computer Science 2016-2017

California State Polytechnic University-Pomona

Engineer's Degree, Computer Engineering 2007-2010

Suranaree University of Technology, Thailand

Technology Skills

Programming Skills: Java, C, C++, HTML, JavaScript, CSS, JSP, Servlet, SQL, XML, JSON

Operation Systems: Windows XP, Windows 7, Mac OS, Linux