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Nanwarin Chantarutai

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EMPLOYMENT

Web Developer   California State Polytechnic University, Pomona   Spring 2016 – Present
University Housing Services Department
 • Develop Content Management System used within small organization. Servlet, JSP, JavaScript, CSS, MySQL, Tomcat
 • Developed Cost Calculator of various housing options. JavaScript, HTML, CSS

Research Assistant   California State Polytechnic University, Pomona   Winter 2016
Civil Engineering Department
 • Researched and developed application to analyze spread out of influence on Social Networks on Transportation
Topics, UCCONNECT project. Java, JSON, Tweeter API

Software Engineer   Western Digital Company, Thailand   April 2013 – Dec 2015
Characterization Engineering Department
 • Developed software testing to support SMR (Shingled Magnetic Recording) technology and cooperated with
firmware designers and developers. Analyzed failures and improved software testing on Hard Disk Drive. Worked in
Irvine, CA for 2 months. Java, Linux, Python.
 • Developed Job Request Form web application that automates routine takes for Characterization factory team.
Servlet, JSP, MySQL, CSS, HTML, Tomcat
 • Developed and enhanced software test scripts for Hard Disk Drive and cooperated with developers. Worked in
Irvine, CA for 6 months. Java, Python, XML, Linux.
 • Performed failure analysis on software test scripts and provided solutions for the failures. Java, Python, Linux
 • Cooperated with firmware department to improve software testing on Hard Disk Drive with new firmware features.

Engineer   Western Digital Company, Thailand   Feb 2011 – April 2013
Test Deployment Engineering Department
 • Designed algorithm for Blue Tier project that improves robot movement on helium process inside Neptune testers
 • Performed failure analysis and provided software setting in order to utilize automatic testers

Intern   Western Digital Company, Thailand   Summer 2010
Test Deployment Engineering Department
 • Developed Web Application for Test Deployment Engineer department in order to reduce routine tasks. PHP,
MySQL, JavaScript, HTML, CSS

EDUCATION

Pomona, CA   California State Polytechnic University   Winter 2016 – Fall 2017
 • M.S. in Computer Science. In-major GPA: 3.50
 • Graduate Coursework: Advanced Computer Architecture, Image Processing, Advanced Design and Analysis
Algorithm, Software Verification and Validation

Nakhonratchasima, Thailand   Suranaree University of Technology   Fall 2007 – Fall 2010
 • B.E in Computer Engineering. In-major GPA: 3.02
 • Undergraduate Coursework: Calculus, Object-Oriented Programming, Data Structure and Algorithm, Electric
Circuits, Digital Design, Artificial Intelligence, Software Engineering, Computer Networks, Computer Security

TEACHNICAL EXPERIENCE

 • Image Recognition Application: Developed application to identify original images from noised images. Java,
MathLab.
 • Design Pattern Verification: Developed application to highlight wrong design pattern and auto correct the mistakes

LANGUAGES AND TEACHNOLOGIES

 Java, JavaScript, CSS, SQL, C, XML, Servlet, JSP, jQuery, Perl, Python, C++, Tomcat