

NANWARIN CHANTARUTAI

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WORK EXPERIENCE

Full-stack Developer

California State Polytechnic University – Pomona

Apr 2016 - Current

Pomona, CA

- Develop and design web services including Content Management System for internal usage and Housing Cost Calculator that provides living cost on-campus. (HTML, JSP, JavaScript, JQuery, CSS, MySQL, Servlets, Tomcat, JSoup)

Research Assistant

California State Polytechnic University – Pomona

Jan 2016 - Apr 2016

Pomona, CA

- Researched and developed data analysis application on negative comments from Twitter. This project was funded by Caltrans. (Java, Twitter API, JSON)

Software Engineer

Western Digital Corporation

Feb 2011 - Dec 2015

Thailand

- Intracompany transferred to work at Western Digital Corp Irvine, CA for 1 year. Created automatic test script for products under development and worked on Hydra Project with the development team. (Java, Python, XML, Linux)
- Modified and improved performance of automatic test scripts. (Java, Python, XML, Linux)
- Consulted with engineering staff to evaluate interface between hardware and software.
- Performed failure analysis, debugging, and troubleshooting on test scripts and testers. (bus analyzer)
- Developed Automatic Test Submission and Log Reader projects that reduces routine tasks. (Java, Servlets, HTML, JavaScript)
- Worked with both developer site and factory site. Traveled to branch offices to cooperate with various departments from different countries.
- Designed algorithm for software controller of automatic testers to improve robotic movement inside testers. (C)
- Trained test technicians and operators on test hardware and software.

Software Engineer Intern

Western Digital Corporation

Jul 2010 - Oct 2010

Thailand

- Developed web application to provide automation tools that reduce routine tasks. (PHP, HTML, JavaScript, CSS)

EDUCATION

Master of Science: Computer Science

California State Polytechnic University - Pomona

Jan 2016 - Expected Dec 2017

Pomona, CA

- Candidate for Master's Degree of Science in Computer Science.
- Major GPA 3.85, Cumulative GPA 3.61.

Bachelor of Science: Computer Engineering

Suranaree University of Technology

May 2007 - Dec 2010

Thailand

- Recipient of University Scholarship
- Computational Science and Engineering coursework

RELEVANT PROJECTS

Q-BOT IO - <http://www.qbotio.com/>

Jan 2017 – Feb 2017

- Back-end developer of an IR Closed-Domain Answering System that generates relevant and accurate answers to Computer Science Interview questions. (Python, Information Retrieval, Natural Language Toolkit, Django, MongoDB)

Bronco-Planner CPP Student Organizer - <http://bronco-planner.com/>

Jan 2017 – Feb 2017

- Project manager of a RESTful Web Service Project. Lead, plan, and design the organizer that offers events, activities, workshops, and fitness classes based on student's class schedule. (Java, Spring Boot, JSoup, JUnit, AngularJS, HTML, MongoDB, JQuery, AWS EC2, Graph API)

Design Pattern Verification Plug-in for Eclipse

December 2016

- Detect and highlight wrong design patterns. (Java, JDT, SWT, JUnit)

Image Recognition from Noised Images

June 2016

- Verify original images from noised images (Java, MATLAB)

SKILLS

Languages: Java, C/C++, PHP, JavaScript, JSP, HTML5, CSS, XML, JSON, SQL, Python, Assembly

Technical: Linux, Eclipse, Maven, JUnit, SpringBoot, Servlets, Mockito, JQuery, JSoup, JDT, SWT, MongoDB, AWS, GitHub