**Wanchi “Vickie” Chen**

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**SKILLS, STRENGTHS**

**Skills:** Web development: JAVASCRIPT, JQUERY, AJAX, EMBERJS, CHARTJS, W2UI, HTML5, CSS, JSON, and XML. Database management: MYSQL, POSTGRESSQL, and MSSQL. Web server admin: APACHE, IIS, TOMCAT. Source Version control: GIT. Programming language: PHP, PERL, and JAVA. Operating System: Linux REDHAT, WINDOWS SERVER 2008/2012. Other scripts: Bash, Perl, Python (Basic Concepts). Scrum: JIRA Agile

**Strengths:** Able to write JavaScript both in its row form and the common JS libraries. Understand the lifecycle of web works and can make pragmatic engineering decisions. Experience and understanding of REST, can build and support JSON base APIs. Experience work on large scale databases schema in Mysql and postgreSql. Accustomed to delivering successful software production in Agile software development methodology. Self-motivated and am able to work on a team with minimal supervision and mentor junior developers. Willing to take challenges and learn new technologies.

**WORK EXPERIENCE**

***Full Stack Web Developer*** *– AT&T Project* **| Apex Systems,** April 2016 – Present **| Atlanta, GA**

* Re-Build existing AT&T Internal web applications at BizOps using Javacript, Ember.js, Perl, and Mysql in Agile
* Build database-driven graphs in Chart.js and W2UI grid system to help product managers to analyze and address issues quickly
* Write scheduled cron jobs to pre-calculate and populate large scale data into tables to reduce the run time queries and delivery responses via REST APIs to front end
* Decomposes application design into reusable functional or logical components that expose well-defined communication interfaces on both front and backend scripts.
* Woke on Code reviews, code clean up, and code restructures to reduce duplicated code, speed up the process, and provide better performance for applications
* Contribute to root case analysis of any defects, implementing improvement as needed
* Participate in problem solving and brainstorming sessions with other team members

***Sr. Client Server Web Developer* | University of Arkansas for Medical Science,** October 2010 – April 2016 | **Little Rock, AR**

* Build 3 comprehensive research informatics suite (CRIS) web applications from scratch as a full stack developer including Adverse Event Reporting System (AERS), UAMS core Management (UCORE), Offlinesurvey
* Develop adaptive plug-in software components for open source applications on CRIS suite, and National Children Study (NCS) including Limesurvey, SugerCrm, and Family History, etc
* Apache Web service administration on more than 20 servers on Windows server 2008/2012 and Linux Redhat.
* MySql database server admin for web applications and write scripts for database integration and migration
* Wrote bath scripts for auto PHP version upgrades on Linux Server.
* Web application maintenance, upgrading, and troubleshooting.
* Mentoring other junior developers and training data editors for using Limesurvey admin modules

***Programmer Analyst Consultant* | Twin Med, LLC**, April 2010 – September 2010 | **Sante Fe Springs, CA**

* Developed Javascript and PHP functions for Twinmed version 2
* Wrote customized PHP scripts indentified by project manager and team leader
* Maintained and troubleshooting on exist modules

***Web Programmer internship* | Suso Technology Service**, May 2009 – August 2009 | **Bloomington, IN**

* Wrote PHP scripts for converting voice messages to words and saved into databases and well as other web-related tasks
* Costumed E-commerce stores identified by supervisor
* Maintained, integrated, and troubleshooting exist web applications and Mysql/Postgresql databases

***GA in Math and Computer Science*****| Southern Arkansas University** August 2008 – December 2009 | M**agnolia, AR**

* Solaris 10 System Admin, network configuration, user account set up and maintain, software installation
* Built Math and Computer Science department’s web site
* Basic document management and assisted professors with MCS department exhibition

**EDUCATION**

**Southern Arkansas University Magnolia, AR**

Master in Computer and Information Science GPA: 3.88 Jan 2008 – Dec 2009

**University of Central Arkansas Conway, AR**

Pre-Graduate in Management Information Systems GPA: 3.5 Aug 2007 – Dec 2008

**Chaoyang University of Technology Taichung, TW**

Bachelor of Business Administration GPA: 3.61Sept 1999 - June 2003

**MY NETWORKS**

**Portfolio:** [**http://vickiechenatgithub.github.io/myPortfolio/**](http://vickiechenatgithub.github.io/myPortfolio/)

**LinkedIn:** [**https://www.linkedin.com/in/vickie-chen-5a3200b7**](https://www.linkedin.com/in/vickie-chen-5a3200b7)

**Publication (Coeditor):** [**https://www.researchgate.net/publication/283951230\_An\_adverse\_event\_capture\_and\_management\_system\_for\_cancer\_studies**](https://www.researchgate.net/publication/283951230_An_adverse_event_capture_and_management_system_for_cancer_studies)