

## PEIKE DAI

dpk1216@gmail.com

(315)751-6010

---

Diligent and highly motivated software engineering student with solid experience in object oriented design and implementation. Resourceful, results oriented individual with proven ability in architecture and implementing extensive technological solutions

### EDUCATION

---

#### **M.S.in Computer Engineering**

**Syracuse, NY**

Syracuse University

May 2013

Relevant Coursework: Algorithm, Object Oriented Design, Design Pattern

#### **B.S. in Communication Engineering**

**Chengdu, China**

University of Electronic Science and Technology of China

July 2011

Relevant Coursework: Computer Network, TCP/IP

### PROJECT

---

Bytecast

January 2013 ~ present

- Structure one of four modules of an application that can transfer binary executive to JAVA bytecode.

Virtual Machine (VM) Resource Usage Prediction

September 2012 ~ November 2012

- SDeveloped a VM monitor and management application using VMware vSphere API.

- Evaluated performances of algorithms on future resource usage predicting.

Remote Sniffer

March 2012 ~ May 2012

- Developed a cross-platform application that can detect changes of files, ports and processes.

- Strengthened its stability by applying Windows Azure Cloud Service as a report transmission buffer using Azure .NET and RESTful API.

Todolist

March 2012 ~ May 2012

- Designed and developed a website using ASP.NET and AJAX that provides a web-based personal task manager for registered user.

- Increased its expandability by providing a Web Service as a custom facility to support group users to build their own web application such as "bug list".

### PROJECT

---

Software Engineer Intern, RepeatLink Inc.

June 2012 ~ August 2012

- Accomplished a PDF report manipulation module using iText - a open source library for creating PDF files in JAVA.

- Redesigned their Struts2-based application by adapting their already existing modules to

- Simplified the development process by reducing 1/3 of time of other team members when developing functions related to PDF manipulation.