

# TINGSHEN CHEN

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## Education

**University of Michigan, College of Engineering**  
Bachelor of Science, Computer Engineering  
GPA: 3.25

April 2014  
Ann Arbor, MI

### **Program in Entrepreneurship (PIE)**

Academic program exposing engineers to the entrepreneurial process and mindset

### **Completed Coursework**

Database Management, Data Structures and Algorithms, Computer Architecture

## Work Experience

### **Montgomery County Department of Permitting Services**

May 2012 – August 2012

Intern – Programmer

Rockville, Maryland

- ❖ Created a streamlined application for permit inspectors to better perform priority tasks on the field; system consolidates access to existing applets and web services and is now adopted by all departments
- ❖ Coordinated implementation of major software changes to the permit system's user interface based on meetings initiated with department managers; system now used to manage data for the customer base
- ❖ Utilized 'Agile' software development methodology to create project plans and timelines for development and testing of a web application to apply for permits online
- ❖ Reinforced web application security and prevented threats through validation testing and data encryption
- ❖ Analyzed database table schema to capture table relationships and to perform ad-hoc data updates on permit applications and contact information

### **Maryland International Incubator**

May 2011 – August 2011

Intern – IT Assistant

College Park, Maryland

- ❖ Recruited, interviewed, and trained other incoming interns based on client's requirements
- ❖ Diagnosed and fixed legacy hardware issues and provided technical support to clients
- ❖ Established internet connectivity of Ethernet ports and increased wireless signal range, enabling interoffice printer and data sharing
- ❖ Translated Chinese documents and provided verbal translation during seminars to high level executives and company managers

### **Center for Excellence in Education**

June 2010 – August 2010

Administrative Assistant

McLean, Virginia

- ❖ Created a private file collaboration network to increase digital file sharing among department managers
- ❖ Designed certificates to award students who have succeeded in the Research Science Institute (RSI)

## Technical Skills

**Computer Languages:** C/C++/C#, CSS, PHP, ASP.NET, Javascript, SQL

**Familiar Operating Systems:** Windows, Linux, Mac

**Applications:** MS Office, MS Visual Studio, Adobe Photoshop, Quartus, MultiSim

## Activities & Interests

**Michigan Hackers**

August 2012 – Present

**Ussemble.com**

April 2012 – Present

**CSE Scholars**

September 2011 – Present

**MPowered** (Startup Crash Course, Social & Recruitment)

September 2011 – May 2012

**Art & Design:** [www.tingchen.carbonmade.com](http://www.tingchen.carbonmade.com)

**Other:** Martial Arts, Practicing Mandarin and Chinese Culture, Meditation