

TINGSHEN CHEN

6802 Renita Lane
Bethesda, MD 20817

(240) 535-3013
tingshen.chen@gmail.com

Education

University of Michigan, College of Engineering

April 2014

Bachelor of Science, Computer Science Engineering

Ann Arbor, MI

GPA: 3.21

Program in Entrepreneurship (PIE)

Academic program exposing engineers to the entrepreneurial process and mindset

Relevant Coursework

Web Database Management, Data Structures and Algorithms, Mobile App Development, Computer Architecture

Work Experience

Computer Aided Engineering Network (CAEN)

October 2012 – Present

Web Developer

Ann Arbor, Michigan

- ❖ Built an effective web application through pair programming to predict projector failure in more than one hundred engineering classrooms

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

Technical Skills

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

Familiar Operating Systems: Windows, Linux, Mac

Applications: MS Office, MS Visual Studio, Adobe Photoshop

Activities & Interests

CSE Scholars (Secretary & Treasurer)

September 2011 – Present

MPowered (Startup Crash Course, Social & Recruitment)

September 2011 – May 2012

Muay Thai Club

September 2010 – Present

Art & Design: www.tingchen.carbonmade.com

Other: Self Improvement, Solving Brain Teaser, Practicing Mandarin and Chinese Culture, Martial Arts