**ZHENGYU HAO**

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**Objective :**

* Seeking for a full-time Software Development position starting immediately.

**Education**

* M.S. in Electrical and Computer Engineering (GPA 3.18/4.0), University of Illinois at Chicago, Department of Electrical and Computer Engineering Aug. 2014-May. 2016

Course work: Computer Algorithms, Approximation Algorithms, Neural Networks, Parallel Processing, Computer Networking, Computer Architecture, Computer Systems Design, etc.

**Work & Intership Experience**

**May-Jul 2014 Beijing Delphi Technology Development Co., Ltd**

**Electrical Engineering Internship,**

* Learning CAN bus
* Write program in C language to send and receive text in CAN bus
* Examine the function of CPU in automobile

**Jun –Sep. 2011 Beijing Delphi Technology Development Co., Ltd**

**Electrical Engineering Internship,**

* Analyzed bench’s circuit draw and repair them

**Project Completion**

* Basketball game prediction by using Back Propagation NN And LAMSTAR
* Character recognition by using BP neural network, Hopfield neural network, counter propagation neural network, convolution neural network, LAMASTER
* Processing TSP with load balance
* Examine the “input-output behaviors” of the given combinational circuit benchmarks
* For each circuit benchmarks, I use atalanta, a software, to generate test patterns as input. Then write code in C language to calculate the 1’s density of output
* Test whether HD density will change when enlarge random input patterns. I generate random patterns and calculate the density in C language.

**Skill Can Do**

* C/C++ language (main language)
* Matlab (familiar)
* Python (familiar)