

Mingjie Gao

+1(734)741-3389
gmingjie@umich.edu

1760 Broadway Street, Apt. 304
Ann Arbor, MI 48105

OBJECTIVE

To obtain a summer 2017 internship in Electrical Engineering.

EDUCATION

University of Michigan, Ann Arbor, MI

April 2018

Bachelor of Science in Electrical Engineering

- GPA: 4.0/4.0
- Relevant Coursework: VLSI Design, Electronic Circuit, Digital Integrated Circuit, Microprocessor-based System, Semiconductor Device, Computer Organization, Digital Signal Processing.

Shanghai Jiao Tong University, Shanghai, China

August 2018

Bachelor of Science in Electrical and Computer Engineering

- GPA: 3.8/4.0
- Relevant Coursework: Signals and Systems, Logic Design, Electric Circuit, Probability Methods and Statistics, Programming and Elementary Data Structure, Electromagnetics.

EXPERIENCES

EECS 312 Project: 8-Bit Dual-Mode Ripple-Carry Adder

November 2016-December 2016

- Use 60nm technology to build an 8-bit ripple-carry adder for the highest speed.
- Simulate and size the adder in Cadence.
- Achieve the highest speed of 1.818 GHz.

Car Dictionary App for General Motor Vehicle System

October 2016

- Use HTML and JavaScript to design the interface for the app.
- Use the libraries offered by GM to realize input and output function.

COMPUTER SKILLS

- Languages: C, C++, Java, Verilog, Matlab, Mathematica, LaTeX.
- Software: Cadence, Word, Excel, Origin.

AWARDS

- Excellent Academic Scholarship, second-class, Shanghai Jiao Tong University, 2014/2015 and 2015/2016.
- JI Dean's List, Fall 2014 and Summer 2015.
- Cheng Family Scholarship, Shanghai Jiao Tong University Joint Institute, 2016.