

Xiaowen Zhang

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EDUCATION

UC LOS ANGELES

M.S. COMPUTER SCIENCE
April, 2018 | Los Angeles, CA
College of Engineering

UNIVERSITY OF MICHIGAN

B.S.E. MECHANICAL ENGINEERING
MINOR - COMPUTER SCIENCE
April 2016 | Ann Arbor, MI
College of Engineering
Cum. GPA: 3.96 / 4.0
Major GPA: 4.0 / 4.0

SHANGHAI JIAO TONG UNIVERSITY

ELECTRICAL COMPUTER ENGINEERING
Aug 2016 | Shanghai, China
College of Engineering
Cum. GPA: 3.62 / 4.0
Major GPA: 3.64 / 4.0

LINKS

Github:// [seanxwzhang](#)
Facebook:// [xiaowen.zhang.988](#)
LinkedIn:// [seanxiaowenzhang](#)

COURSEWORK

Algorithm & Data Structure
Computer Architecture
Computer Vision & Machine Learning
Operation System
Database Systems
Data Mining
Cryptography

SKILLS

LANGUAGE

Over 5000 lines:
Javascript • C++ • Matlab • \LaTeX
Over 1000 lines:
C • Bash • Python • HTML
Prior experience:

PHP • Sass

FRAMEWORK

Node & Express • AngularJS
Magento • Flask • Django

DEVOPS

Vagrant • Docker • Agile Dev
Continuous Delivery

SUMMARY

Computer Science M.S. student seeking for internship opportunities (web, software, robotics, e-commerce, etc.) in Summer 2017. Passionate about the fusion between innovation, business, and technology. Pick up new things real fast.

WORKING

EVE BY EVE'S | DEVOPS ENGINEER

KEYWORDS: MAGENTO, CONTINUOUS DELIVERY, AGILE DEVELOPMENT
Sept. 2016 - Present

- Develop and maintain Docker provision scripts for a consistent development and production environment.
- Configure Apache, Linux servers, memcached.

RESEARCH

MECHATRONICS & SUSTAINABILITY RESEARCH LAB

May 2015 - Aug 2015 | Ann Arbor, MI

- Develop VAN, a novel vibration-assisted nano-positioning stage

PROJECTS

DINGDING PARKING MANAGEMENT SYSTEM May 2016 - Aug 2016 | Shanghai, China

KEYWORDS: NODE.JS, EXPRESS, ANGULARJS

- Create a administration website for a parking-space-sharing startup company, with Node and AngularJS
- Develop a set of RESTful APIs to interact with Postgres database

BOOKSHELF WIDGET Jan 2015 - Present | Ann Arbor, MI

KEYWORDS: JAVASCRIPT, WEB, OS X, SIDE PROJECT

- Create a dashboard widget application to track reading progress

DEPTH CAMERA BASED HAPTIC NAVIGATION SYSTEM Jan 2015 - Present | Ann Arbor, MI

KEYWORDS: COMPUTER VISION, OBJECT DETECTION, DECISION MAKING

- Perform real-time object detection with a depth camera and select path
- Design and create a haptic wristband to feedback direction information

LC2K COMPUTER SIMULATOR Sept 2015 - Dec 2015 | Ann Arbor, MI

KEYWORDS: C, ASSEMBLY LANGUAGE, MACHINE CODE, REGISTER FILE

- Implement an 8-register, 32-bit computer simulator
- Design and implement a cache and pipeline structure

AWARDS

2015	Best Oral Paper Award	American Society of Precision Engineering (ASPE)
2015	1st/650	University Honor of University of Michigan
2012	National	Full College Scholarship in SJTU

PUBLICATIONS

Xin Dong, Xiaowen Zhang, Chinedum E. Okwudire. A novel approach for reducing the settling time of roller bearing nan positioning stages using high frequency vibration. Best Oral Paper Award, ASPE, 2015.