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
B.S.E 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. Work experience in e-commerce company responsible for back-end and devops. Project experience in NodeJS, AngularJS, computer vision, operating system. 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.

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

OPERATING SYSTEM COURSE PROJECTS
Jan 2016 - Apri 2016 | Ann Arbor, MI
KEYWORDS: MULTITHREAD, MUTEX, PAGER, FILE SYSTEM
- Practice multithread programming using C++ and Pthreads
- Implemented a mutex system, an external pager, and a unix file system

COMPUTER VISION COURSE PROJECT – FACE SWAP
Jan 2016 - Apri 2016 | Ann Arbor, MI
KEYWORDS: FACIAL DETECTION, LANDMARK EXTRACTION
- Implemented a face swap program using MATLAB
- Perform face detection using SVM

DEPTH CAMERA BASED HAPTIC NAVIGATION SYSTEM
Jan 2015 - April 2016 | 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

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 nanopositioning stages using high frequency vibration. Best Oral Paper Award, ASPE, 2015.