Zhizheng Chen

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Objective

· Seeking an internship opportunity in a Computer Science related field.

Education

BACHELORS OF COMPUTER SCIENCE | DEC 2016 | VIRGINIA TECH

· Major: Computer Science
· Minor: Mathematics
· GPA: 3.55/4.0   Dean's List all semester

ASSOCIATE OF ENGINEERING | MAY 2014 | NOVA

· Major: General Engineering
· Honors: Magna Cum Laude
· GPA: 3.67/4.0

RELEVANT COURSES

· Data Structures and Algorithms , Data Analytics and Visualization, Numerical Methods, Intro Computer Organization, Intro GUI Programming/Graphics, Software Design & Data Structures, Introduction to Software Design.

Computer Skills

PROGRAMMING LANGUAGE

· Java, C, Python, PHP, SQL, JavaScript, Visual Basic, Math Lab

Operating System

· Windows, Linux, Mac OS

Project and Research

UNDER GRADUATE RESEARCH | VIRGINIA TECH | 2015 Spring Semester

· Undergraduate research in **Supporting Crowdsourcing Sense making in Big Data with Dynamic Context Slices Crowdsourcing**, and winning the **3th place**(totally 26 projects) on the Marston Awards in VTURCS Spring Symposium 2015.
· Learning and designing crowdsourcing algorithm to solve some complicate problems with crowd workers.
· Build up crowdsourcing web pages by using HTML, JAVASCIPT, and use SQL to manage and collate data from the crowd workers.

COURSE PROJECT | VIRGINIA TECH | 2014 and 2015
· Building GIS system by using data structure methods such quartered search tree, and hash functions.
· Coding and assembling the navigational Arduino Robot which can follow a track and navigated by the program.
· Using Python to visualizing and analyzing Big Data, such as US counties' college graduate rate, and state employees' salaries.
· Using Automatic technics (tf-idf) to find important key words from Big Data.PCA or MDS method to convert high dimensional data into two dimensional data.

Job Experience

MASTER MATH LAB TUTOR | NOVA | 2013-2014
· Teach students how to use MyLabsPlus online self-learning system.
· Helping students figure out the way to solve the math problem.
· Working in the testing lab, and manage the testing students.