

Zhizheng Chen

205 Broce Dr, Blacksburg, VA, 24060 | 571-337-6161 | zc219@vt.edu

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, JavaFX, Html, SQL, JavaScript, JQuery, Visual Basic, Math Lab

Operating System

- Windows, Linux, Mac OS

Project and Research

UNDER GRADUATE RESEARCH | VIRGINIA TECH | 2015 Spring and Fall Semesters

- 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, JAVASCRIPT, and use SQL to manage and collate data from the crowd workers.
- Build up web tools to help crowd workers identify mystery images' background information, taken time and locations. (2015 Fall)
 1. Allow crowd workers identify the mystery images by typing clues and drawing customize markers on the image.
 2. Using Google Map JavaScript API to implement tools which allow crowd workers review and filter some relative photos' locations and drop down guessing pins on Google Map.

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 Django to set up the URLs, static files, and database for the project.

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.