

# RUNBO(CHUCK) ZHAO

## Full Stack Web Developer



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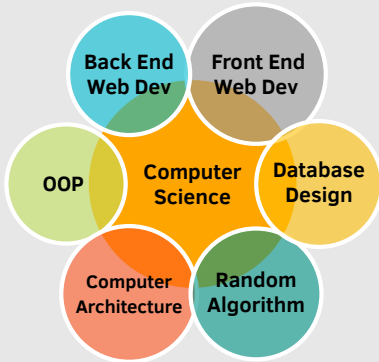
/in/runbo94



Runbo94

## Skills

### Overview



### Programming

0 LOC —————> 5000 LOC

JS(ES6) • HTML • CSS • NoSql • Java

SQL •  $\text{\LaTeX}$  • C++ • C#

C • Python

## About Me

I'm a graduate student studying in Syracuse University and also a passionate programmer, specializing in full-stack development using **NODEJS** on the back-end.

Strong in object-oriented design and experienced with a wide range of front-end and back-end framework such as **Angular, React, Express** etc. Also, being an artist in nature, I have a good sense of design, colors, usability and can build beautiful and modern interfaces that people love.

## Education

AUGUST 2016 - PRESENT

**MSc., Computer And Information Science** (GPA: 4.0/4.0) Syracuse University, USA

SEPTEMBER 2012 - JUNE 2016

**BEng., Mathematics And Applied Mathematics** Xidian University, China

## Project

05/2018

- now

**www.renmovie.com**

- Restaurants can make their own online menus by input their food data. Also some basic function is included like sign in, sign up, message system.
- Consumers can use the auto-generated menus to make order on-line. Bootstrap can make website change its layout and interfaces on different devices like mobiles.
- **Tools:** HTML5, CSS3, Bootstrap, JS, JSP, Servlet, MySQL

10/2017

- 04/2018

**www.jajang.cloud**

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10/2016

- 02/2017

**Health Center Database Design**

- Store the data for Patient, Visitor, Billing, Insurance, Employees, Patient Room, Patient Health Histories. Design a Descriptive ERD.
- Implement the DB by MicroSoft SQL Server. Create the tables, columns, primary keys, datatypes, nullabilities, and relationships. Implement views and stored procedures.
- **Tools:** Microsoft SQL Server, Microsoft Visio

03/2014

- 06/2015

**Cauchy Problem for Elliptic Equation with Variable-coefficients Using Regularization Method** funded by the National College Student Innovative Entrepreneurial Training Program

Team Leader, supervisor: Dr.Xiaoli Feng

- Introduced a new regularization – quasi-boundary-value method (QBV) to solve the Cauchy problem for an elliptic PDE.
- Used the Finite Difference Method to get a linear equation with large sparse matrix; introduced the preconditioned generalize minimum residual (GMRES) to solve the linear equations.
- Used MATLAB to operate for Cauchy problem for Elliptic Equation with two-dimensional and three dimensional variable-coefficients, respectively; displayed the result of numerical implementation to approve the feasibility of the method.

02/2015

**Managing Human Capital in Dynamic Network**

2015 Mathematical

Contest in Modeling(MCM)

Team Leader, supervisor: Dr.Feng Ye

- Built three models, namely classic feedback system model, Markov feedback system model, and simulation model to simulate the dynamic human managing process within the ICM company.
- Built a multilayer network based on AHP and got the influence of evaluation object from every node.

06/2014  
- 09/2014

## **Geographic Profiling and Space-Time Predicting of Serial Crimes**

Team Leader, supervisor: Dr.Shuisheng Zhou

- Used modified Rossmo model to predict geographic profiling.
- Built time series model and used secondary exponential smoothing method to solve the model and forecast the time of next crime, which was verified in reality.