zhjch05@live.com

+1 781-530-6034

https://github.com/zhjch05

Jincheng Zhang
https://www.jczhang.com

91 Prentice Street,
Waltham, MA, 02451

Education

Computer Science B.S. Brandeis University   GPA 3.5 Fall 2014 – Present

Courses Experience

Math: Linear Algebra, Multi-variable calculus, Statistics, Discrete Math

Computer Science: Intro to Java and c, OOP with Java, Structures and Interpretation of Computer Programs, **Spoken Dialog Design**, **Web Development & Incubator**, Data Structures, Theory of Computation, **Software Engineering**, Operating System, **Artificial Intelligence**

Recent Projects

Voice Control Chess (Brandeis JBS Summer Session)   Summer 2015

Rule based NLP and Dialog System to move chess by voice

PvP match with meteor's built-in socket based data service (push data)

Html5/CSS3&Flexbox/JS/Meteor.js/MongoDB/Regex

Duewiz (Homework reminder)   Spring 2016

Web scraping School's education website to make due dates for homework manageable

Ruby on Rails 5: Action Cable (web socket), Active Job (asynchronous processing), redis cache

Web scraping with mechanize (CSS selector and XPath)

Atom-code2html   Spring 2016

(Small project) A atom editor package that copies the selected region's code and convert html literals and wrap <pre><code> blocks to make it html ready

Coffeescript, Atom package

Cars Simulation at toll Spring 2017

(Small project) A simple python MVC architecture to visualize/animate a cellular automaton model to simulate car streams traffic at toll

Python 3, MVC, matplotlib animation

Projects Before College

Software Audio Repeater Wrapper for Windows Media Player Visual Basic 6.0/WMP Active X 2009

Chat program in LAN (Server and Client) Visual Basic 6.0/Winsock 2009

Static information site for ancient Chinese articles Html/Dreamweaver 2010

Random name picker from class list (with animation) Visual C# .Net 4.0 WPF Multi-threading 2012

Lookup dictionary (user's own collection) Objective-C/iOS 5 2013

Experiences

Computer Science Research & Study

Conversion from codes (C++) to flowcharts (A code editor like interface) Visual C# .NET 4.0 2013

Conversion from flowcharts to codes (flowchart visualization and built-in VBScript interpreter)

Visual Basic 6.0 2013

Wrote a thesis on two-way conversion of code and its flowcharts

Won first place (Co-op with another student) in High School Affiliated to Renmin University of China

Awards

Second Class in National Olympiad in Informatics in Provinces C++ Algorithms Comp 2013

Youths Developers Seminar Hackathon first place iOS Objective-C AFNetworking 2014

Programming Skills Stack

Languages:

Familiar with: C++, Java, Ruby, Javascript ES6, HTML5/CSS3

Can use: Python, C#, Emacs Lisp, Octave

Techs/Systems/Frameworks:

Familiar with: Meteor.js, Ruby on Rails

Can use: Ionic 2/Angular 2, iOS cocoa , Bash, Git, Linux, Apache, Nginx

Last edit: 2/6/2017