

Shaoze Wang

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Education

University of California, San Diego

September 2015 - Present

Mathematics – Computer Science

GPA 3.0

I entered college as a literature major student but was deeply enthralled by computer science during freshman year and changed major. After four years of study, I obtained substantial knowledge and practice in both mathematics and computer science. Being a newly graduate, what I lack in experience, I will do my best to make it up with my passion.

Projects

- **2015 | Sudoku Solver | Core Java, JavaFX, GUI | Individual**

A Java GUI program that solves a Sudoku puzzle using a DFS approach. By performing exhaustive search at first and elimination later, the algorithm performs better than normal DFS algorithms.

- github.com/ddbzdnl/SudokuRefactor

- **2015 | Newton Fractal Drawer | Core Java, Mathematics | Individual**

A Java program that takes input of any polynomial and draws its Newton Fractal on the complex plane.

- github.com/ddbzdnl/NewtonFractalRefactor

- **2018 | Flashback Music Player | Android Studio, Firebase | Team**

A music player on Android platform recommends songs based on the user's listening history at current location.

- github.com/CSE-110-Winter-2018/cse-110-team-project-team-28

- **2019 | Word Card Website | JS, MySQL, PHP, Angular, C#, .NET | Individual**

A website that reads vocabulary from database, tests the user with the definitions and record the performance in the database for future reference.

- github.com/ddbzdnl/word_card
- github.com/ddbzdnl/WordCardDotNet
- github.com/ddbzdnl/WordCardAngular

- **2019 | Sports Store | Angular, C#, .NET | Individual**

A mocking website that sells sports goods. The website possesses all basic functionalities such as browsing, shopping cart and checkout with both front-end and back-end components.

- github.com/ddbzdnl/AngularSampleProject
- github.com/ddbzdnl/DotnetSampleProject

Skills

Programming Languages:

Java, C, C++, Python, C#

Data Processing:

Matlab, MySQL, Hibernate

Platform:

MacOS, Linux, Android

Web Development:

HTML, JavaScript, PHP, ASP.NET, Angular

Miscellaneous:

Neural Network, Computer Vision, Algorithm, Data Structure