

# Wenting Song

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## Education

### University of Florida

August 2015 – May 2017

Master's of Science in Electrical and Computer Engineering

Honors: AA Scholarship

### Shaanxi University of Science and Technology

September 2011 - June 2015

Bachelor's of Engineering in Electrical Engineering

Honors: National Encouragement Scholarship; Outstanding Graduates

## Skills & Interests

Programming Languages: Java, Matlab, SQL, JavaScript, PHP, Linux shell, HTML5, CSS

Web Frameworks: Bootstrap, ReactJS, NodeJS, AngularJS

Other Technologies: XAMPP, Git

## Work Experience

### Software Engineer Intern, Happy Life Entitled, Inc., Gainesville, FL, USA

April 2017-- current

- Working in an agile team to develop web applications using JavaScript, jQuery, front-end frameworks, HTML, CSS, PHP, etc.
- Working on responsive web design to support desktop and mobile web.
- Creating visually appealing sites that feature user-friendly design and clear navigation.

## Highlighted Projects

### Note Management System (MySQL, HTML/CSS, PHP)

June 2017

- Created a home page that allows users to sign in, sign out, create notes and check notes.
- On the notes page, a user is able to create, retrieve, update and delete individual notes associated with their account.
- Worked within Laravel 5.4 framework, middleware is added to ensure the user is authenticated. A user controller and a notes controller are included to group related request handling logic.

### Huffman Tree Encoding/Decoding (Java, Data Structure)

March 2017

- Developed an application in Java for constructing Huffman tree for a given data, which has up to 100,000,000 lines and each line will contain a decimal value in the range of 0 to 999,999.
- Transferred huge amounts of data using variable length bits scheme instead of fixed length.
- The program largely reduced the data size of data for transmission and provided security.

### Most Popular Hashtag Collector (Java, Data Structure)

August 2016

- Implemented a program in Java to find the n most popular hashtags on social media such as Twitter or Facebook.
- Max Fibonacci heap was implemented from scratch to keep track of the frequencies of hashtags.

### Movie Review Website (SQL, HTML/CSS, PHP, ReactJS)

March 2016

- Designed and implemented a full stack web application using ReactJS, HTML5, CSS, JavaScript as front end, and PHP and Oracle database as backend.
- Search directory to help users to get information about movies like movie reviews, scores.

## Core Courses

Advanced Data Structures

Analysis of Algorithms

Computer Programming Using JAVA

Database Management Systems

Image Processing and Computer Vision

Computer Communication

## Activities

Achieved 23rd place out of 273 contestants in VMware AirWatch Code Dash.

Jan 26, 2017