

Nanyan Jiang

An energetic and passionate recent graduated college student. Seeking an internship or full time position in Computer Science field.

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EDUCATION

University of Massachusetts, Boston, MA

Aug 2015 - Dec 2018

Bachelor in Computer Science

ACADEMIC PROJECTS

Student Registration System — *Course enrollment application (JDBC,SQL)*

Apr 2017

Constructed a student menu structure which can enroll, withdraw and search courses by JDBC

Used SQL to filter the requirement and implement different options in the menu

Traveling Salesperson Problem — *a classic graph traversal problem (Python)*

Sep 2018

Minimized the distance to traverse all nodes on the graph

Implemented by two different greedy heuristics algorithms : nearest neighbor and smallest increase.

PERSONAL PROJECTS

UMBuys — *a used book trading web application (JavaScript,jQuery,NodeJS)*

July 2018

Established a free platform for trading used book online or on campus

Developed a database system that manage user account or book information implicit using PHP,MySQL

Designed and developed a responsive user interface

Weather App — *a mobile forecast application by Android system (Java,jQuery)*

June 2018

Developed a function to display the resulting tour on the screen

Designed and Developed a metasearch engine for highly-localized weather forecast

Developed features that receives user's location by GPS or network and invoked different APIs to get weather details

TECHNICAL SKILLS

Programming:

Java , Python

Database:

MySQL, JDBC, PL/SQL

Web Development:

HTML5, CSS, JavaScript, PHP,NodeJS

Tools:

Eclipse, Git, Xampp,Putty, Bootstrap
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Platform:

Linux, Mac OS, MS Windows

RELEVANT COURSES

Programming Language: Python, JAVA, C, HTML, CSS, SQL, Lisp/Scheme, Assembly Language

Data Structure, Algorithms and Advanced algorithm

Database Management

Theory of Computation

Android Mobile Application development

Network security

LANGUAGES

Fluent in English, Mandarin, Cantonese