

PEIDONG SUN

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EDUCATION

Texas A&M University-Corpus Christi

Master degree of Computer Science-GPA: 3.71

Jan. 2018 – May 2020

Corpus Christi, Texas

Lanzhou University

Bachelor degree of Science in E-commerce-GPA: 3.4

Sep. 2012 – Jun. 2016

Lanzhou, China

WORKING EXPERIENCE

Technology Assistant

Texas A&M University-Corpus Christi

Sep. 2018 – May 2020

Corpus Christi, Texas

- Coded a beta version of Campus Device Upgrade Reminder System, which generated campus device upgrade reports for the next five years
- Designed a knowledge-based website for department co-workers to search for IT tickets instructions that reduced the ticket duration time at proximately 9%
- Executed the testing for My IslandID Management Portal system, and founded bugs for the staff accounts and student worker accounts
- Techniques used: Web (Express, React, Node.js), Database (MongoDB)

Alaa Sheta Lab Research Assistant

Texas A&M University-Corpus Christi

Jun. 2019 – Aug. 2019

Corpus Christi, Texas

- Trained middle and high school teachers for RET-CR program during summer camp in the fields of robotics, computational science, imaging, and mobile computation
- The content included Lego EV3 vehicles build, vehicle line following, color detection, solving maze by using Lego Mindstorm application and C Code
- Improved the performance of cluster-based classification on medical datasets

Full Stack Web Developer

Zhejiang Xuanshang e-commerce Inc,

Sep.2016- Dec. 2017

Jiaxing, China

- Designed an inventory management system for the whole company departments
- Co-authored the Alarm Unit which could inform Inventory Department and Online Market Department leaders about potential backorders for next sale season and promotion events to cut the cost as estimated of \$400,000
- Collaborated with IT Department to develop and maintain the company e-commerce website at Alibaba Cloud to enable functions such as online chat, online order processing, production display for approximately 100,000 users
- Techniques used: Web (JavaScript, ReactJS, HTML5, JSON/XML, Bootstrap), Database (MySQL), Cloud Programming

ACADEMIC PROJECTS

Computer CPU Cache Simulator

Nov. 2019 – Dec. 2019

Professor Recommendation System

Jan. 2019 – May 2019

“Shiweitian” Online Order System

Sep. 2015 – Nov. 2015

“Meidianer” Online Salon Book Appointment System, Project Manager

Jan. 2015 – Oct. 2015

PROFICIENCIES

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|------------------------------------------------------------------------|--------------------|--------------------|
| • Software Development | • Computer Network | • Data Structure |
| • Object-Oriented Programming | • SQL\NoSQL | • Linux |
| • MERN Stack | • GIT | • Machine Learning |
| • Program Language: C#, C++, Python, PHP, Java, HTML5, CSS, JavaScript | | |

LEADERSHIP

Chinese Students Association(CSA)

President

Corpus Christi, TX

Dec. 2018 – Jan. 2019

- Assisted all students at TAMU-CC who are interested in learning about the Chinese culture to promote a better understanding of cultural differences
- Communicated regularly with departments, other organizations and association members regarding holding events, raising funding, and updating policies
- Organized international education weeks, the parade of nations and CSA activities